



# Samsung SMART Hospitality Display Specification Book

HE460 · HE470 · HE590 · HE670 · HE690 · HE694 · HE890U · HE890W

EU/ CIS

**SAMSUNG**

Samsung HE460 Series Hospitality Displays



# Samsung Hospitality Display with Manageability - HE460

Expand In-Room Content Delivery Possibilities with Samsung’s HE460 Hospitality Display

- Slim design to enhance the guest room environment
- REACH 4.0 for remote, centralized and efficient display management
- Home Menu for customizing the guest viewing experience
- Efficient Installation through Improved Plug-and-Play Capabilities

Basic Feature		Hospitality Solution			Convenience Feature		Security		Clock Option	
Screen Size	Resolution	Home Menu	LYNK™ REACH 4.0	LYNK™ HMS	Multi-code remote control	Improve Plug and Play	LYNK™ DRM	Security Mode	External Clock Compatibility	Software Clock
24", 28", 32", 40"	24", 28", 32" : 1,366x768 Others: 1,920x1,080"	•	•		•	•	•	•		•

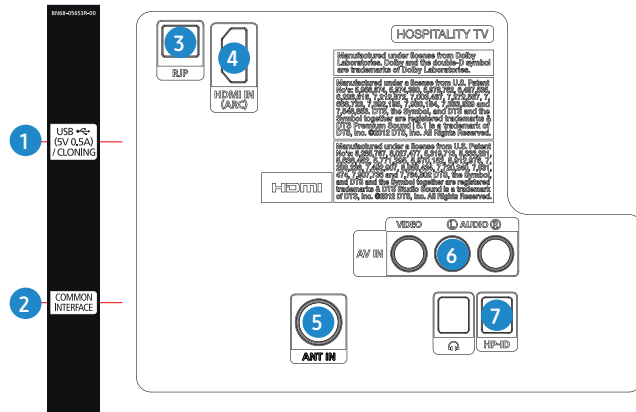
## Specifications

24"

### Connectors



- HG24EE460AK



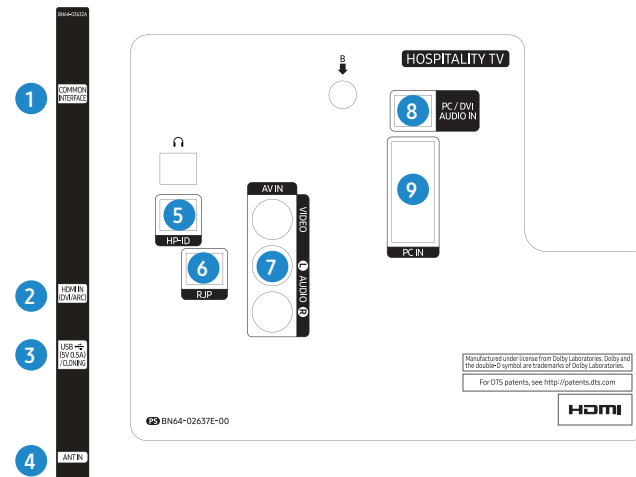
1. USB (5V 0.5A)/CLONING
2. COMMON INTERFACE
3. RJP
4. HDMI IN(ARC)
5. ANT IN
6. AV IN
7. HP-ID

28"

### Connectors



- HG28EE460AK



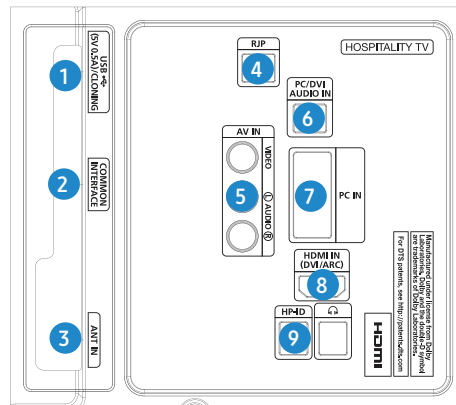
1. COMMON INTERFACE
2. HDMI IN (DVI/ARC)
3. USB(5V 0.5A)/CLONING
4. ANT IN
5. HP-ID
6. RJP
7. AV IN
8. PC/DVI AUDIO IN
9. PC IN

32"

### Connectors



- HG32EE460SK



1. USB(5V 0.5A)/CLONING
2. COMMON INTERFACE
3. ANT IN
4. RJP
5. AV IN
6. PC/DVI AUDIO IN
7. PC IN
8. HDMI IN (DVI/ARC)
9. HP-ID

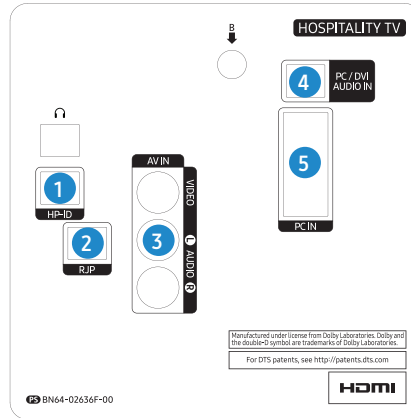
## Specifications

40"

## Connectors



- HG40EE460SK



1. HP-ID
2. RJP
3. AV IN
4. PC / DVI AUDIO IN
5. PC IN

		24EE460 HG24EE460AK	28EE460 HG28EE460AK	32EE460 HG32EE460SK	40EE460 HG40EE460SK
Display	Backlight	LED	LED	LED	LED
	Inch	24	28	32	40
	Resolution	1,366 x 768	1,366 x 768	1,366 x 768	1920 x 1080
Video	Picture Engine	HyperReal	HyperReal	HyperReal	HyperReal
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast
	Micro Dimming	N/A	N/A	N/A	N/A
	Active Crystal Color	N/A	N/A	N/A	N/A
	Wide Color Enhancer (Plus)	Yes	Yes	Yes	Yes
	Auto Motion Plus	N/A	N/A	N/A	N/A
	Film Mode	Yes	Yes	Yes	Yes
	Audio	Dolby Digital Plus	Yes	Yes	Yes
Virtual Surround		N/A	N/A	N/A	N/A
DTS Codec		Yes	Yes	Yes	Yes
Sound Output (RMS)		10W(L:5W, R:5W)	10W(L:5W, R:5W)	10W(L:5W, R:5W)	20W(L:10W, R:10W)
Speaker Type		2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)
Wallmount Sound Mode		Yes	Yes	Yes	Yes
TV SoundConnect		N/A	N/A	N/A	N/A
BT Headset Support		N/A	N/A	N/A	N/A
SMART TV	Smart TV Type	Non Smart	Non Smart	Non Smart	Non Smart
	Apps Panel	N/A	N/A	N/A	N/A
	Web Browser	N/A	N/A	N/A	N/A
VESA Standard	VESA Mount (mm)	75x75	100x100	200x200	200x200
	VESA Screw Size	M4	M4	M8	M8
Smart Interaction	Voice Control	N/A	N/A	N/A	N/A
Convergence	TV to Mobile - Mirroring	N/A	N/A	N/A	N/A
	Mobile to TV - Mirroring, DLNA	N/A	N/A	N/A	N/A
	Samsung SMARTView	N/A	N/A	N/A	N/A
Differentiation	Sports Mode	Yes	Yes	Yes	Yes
	All Care Protection	N/A	N/A	N/A	N/A
Feature	Samsung 3D	N/A	N/A	N/A	N/A
	Processor	N/A	N/A	N/A	N/A
	Accessibility	N/A	N/A	N/A	N/A
	Digital Clean View	Yes	Yes	Yes	Yes
	Auto Channel Search	Yes	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes	Yes
	BD Wise Plus	N/A	N/A	N/A	N/A
	Caption (Subtitle)	Yes	Yes	Yes	Yes
	ConnectShare™ (HDD)	N/A	N/A	N/A	N/A
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes	Yes
	EPG	Yes	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes	Yes
	OSD Language	27 European Languages	27 European Languages	27 European Languages	27 European Languages
	Picture-In-Picture	Yes	Yes	Yes	Yes
	BT HID Support	N/A	N/A	N/A	N/A
USB HID Support	N/A	N/A	N/A	N/A	
Teletext (TTX)	Yes	Yes	Yes	Yes	

	24EE460 HG24EE460AK	28EE460 HG28EE460AK	32EE460 HG32EE460SK	40EE460 HG40EE460SK
Samsung LYNK™ SINC Compatibility	N/A	N/A	N/A	N/A
Samsung LYNK™ HMS Compatibility	N/A	N/A	N/A	N/A
H.Browser	N/A	N/A	N/A	N/A
Samsung LYNK™ REACH (IP)	N/A	N/A	N/A	N/A
Samsung LYNK™ REACH (RF)	REACH 4.0	REACH 4.0	REACH 4.0	REACH 4.0
Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes	Yes	Yes
Hospitality Home Menu	Home Menu 2015	Home Menu 2015	Home Menu 2015	Home Menu 2015
Bluetooth Music Player (Mobile → TV)	N/A	N/A	N/A	N/A
Hospitality Plug&Play(Easy Setup)	Yes	Yes	Yes	Yes
Auto Source Mode	Yes	Yes	Yes	Yes
Power On Mode	Yes	Yes	Yes	Yes
Hotel Channel List	Yes	Yes	Yes	Yes
Channel Menu Display	Yes	Yes	Yes	Yes
Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes	Yes	Yes
My Channel	Yes	Yes	Yes	Yes
Energy Saving Mode (BLU control)	Yes	Yes	Yes	Yes
Logo Display with Timer Out Setting (BMP/Movie)	Yes	Yes	Yes	Yes
Welcome Message	Yes	Yes	Yes	Yes
RJ12/IR pass through	N/A	N/A	N/A	N/A
External Clock Compatibility	N/A	N/A	N/A	N/A
Clock Back Up Supply	Yes	Yes	Yes	Yes
External Clock Dimming Control	N/A	N/A	N/A	N/A
Software Clock	Yes	Yes	Yes	Yes
Multi Code Remote control	Yes	Yes	Yes	Yes
Screwed Battery Cover	Yes	Yes	Yes	Yes
Sound Bar Compatibility	Yes	Yes	Yes	Yes
Music Mode (Input: PC/AV/Component/HDMI)	Yes	Yes	Yes	Yes
Music Mode Backlight on/off	Yes	Yes	Yes	Yes
TTX Clock Update (Analogue)	Yes	Yes	Yes	Yes
USB Cloning	Yes	Yes	Yes	Yes
Smovie Compatibility	Yes	Yes	Yes	Yes
Soft AP	N/A	N/A	N/A	N/A
On/Off Timer (Schedule)	Yes	Yes	Yes	Yes
Wake-up Timer (Alarm)	Yes	Yes	Yes	Yes
Samsung LYNK™ DRM	Yes	Yes	Yes	Yes
Pro:Idiom	N/A	N/A	N/A	N/A
bLAN	N/A	N/A	N/A	N/A
Security Mode	Yes	Yes	Yes	Yes
S/W EPG (Solution EPG)	Yes	Yes	Yes	Yes
Wake on LAN (WOL)	N/A	N/A	N/A	N/A
IP Over Coax	N/A	N/A	N/A	N/A

Hospitality  
Feature

	24EE460 HG24EE460AK	28EE460 HG28EE460AK	32EE460 HG32EE460SK	40EE460 HG40EE460SK	
<b>System</b>	Digital Broadcasting	DVB-T2/C	DVB-T2/C	DVB-T2/C	
	Analog Tuner	Yes	Yes	Yes	
	CI (Common Interface)	CI+(1.3)	CI+(1.3)	CI+(1.3)	
	Data Broadcasting	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP
<b>Input &amp; Output</b>	HDMI	0/1	1/0	0/1	1/0
	USB	1/0	1/0	1/0	1/0
	Component In (Y/Pb/Pr)	N/A	N/A	N/A	N/A
	Composite In (AV)	0/1	0/1	0/1	0/1
	Ethernet (LAN)	N/A	N/A	N/A	N/A
	Headphone	0/1	0/1	0/1	0/1
	Audio Out (Mini Jack / LR)	N/A	N/A	N/A	N/A
	Digital Audio Out (Optical)	N/A	N/A	N/A	N/A
	RF In(Terrestrial / Cable input / Satellite Input)	0/1	1/0	1/0	1/0
	Ex-Link ( RS-232C )	N/A	N/A	N/A	N/A
	CI Slot	1/0	1/0	1/0	1/0
	Scart	N/A	N/A	N/A	N/A
	HDMI A / Return Ch. Support	Yes	Yes	Yes	Yes
	Wireless LAN Built-in	N/A	N/A	N/A	N/A
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes	Yes
	Pillow Speaker Jack	N/A	N/A	N/A	N/A
	Variable Audio Out	N/A	N/A	N/A	N/A
	Variable Audio Out Volume Control	N/A	N/A	N/A	N/A
	Video Out	N/A	N/A	N/A	N/A
	RJ12	N/A	N/A	N/A	N/A
	RJP(For Remote Jackpack)	0/1	0/1	0/1	0/1
	Headphone ID	0/1	0/1	0/1	0/1
	Door-Eye Control	N/A	N/A	N/A	N/A
	Door-Eye Video In	N/A	N/A	N/A	N/A
	PC In (D-sub)	N/A	0/1	0/1	0/1
	PC/DVI Audio In (Mini Jack)	N/A	0/1	0/1	0/1
	Ethernet Bridge (LAN-Out)	N/A	N/A	N/A	N/A

		<b>24EE460 HG24EE460AK</b>	<b>28EE460 HG28EE460AK</b>	<b>32EE460 HG32EE460SK</b>	<b>40EE460 HG40EE460SK</b>
<b>Design</b>	Front Color	Black	Black	Black	Black
	Stand Type	Square	Square	Square	Mini Arc
	Swivel (Left/Right)	N/A	N/A	N/A	N/A
<b>Dimension</b>	Set Size without Stand - Wall Mount Side (WxHxD)(mm)	561.8x3491x491	643.4 x 396.5 x 491	745.4 x 442.2 x 579	922.7 x 530.7 x 58.8
	Set Size without Stand - Speaker Side (WxHxD)(mm)	561.8x3491x66.6	643.4 x 396.5 x 62.9	745.4 x 442.2 x 69.0	922.7 x 530.7 x 72.0
	Set Size with Stand (WxHxD)(mm)	561.8x383.5x163.7	643.4 x 435.0 x 163.4	745.4 x 484.2 x 163.4	922.7 x 555.1 x 170.3
	Package Size (WxHxD)(mm)	743 x 407 x 114	815 x 463 x 108	901.0 x 507.0 x 127.0	1098.0 x 592.0 x 120.0
<b>Weight</b>	Set Weight without Stand (kg)	3.9	3.8	4.0	6.7
	Set Weight with Stand (kg)	4.1	4.2	4.4	6.9
	Package Weight (kg)	5.1	5.4	6.1	8.9
<b>Accessory</b>	Remote Controller Model	TM1240A	TM1240A	TM1240A	TM1240A
	Batteries (for Remote Control)	Yes	Yes	Yes	Yes
	Samsung Smart Control (Included)	N/A	N/A	N/A	N/A
	Ultra Slim Wall Mount Support	N/A	N/A	N/A	N/A
	Mini Wall Mount Support	N/A	N/A	Yes	Yes
	VESA Wall Mount Support	Yes	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes	Yes
	Data Cable	N/A	N/A	N/A	N/A
	Stand Mount Kit	N/A	N/A	N/A	N/A
	Security Screws	N/A	N/A	N/A	N/A
Angle Adaptor (for Side RF tuner)	N/A	Yes	N/A	N/A	



## NOTE.

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Samsung HE470 Series Hospitality Displays



# Samsung Hospitality Display with Manageability - HE470

Enhance Guest Room Ambience with Samsung’s HE470 Hospitality Display

- Slim design to enhance the guest room environment
- REACH 4.0 for remote, centralized and efficient display management
- Home Menu for customizing the guest viewing experience
- System interface compatibility to empower multi-device management with reduced installation required

Basic Feature		Hospitality Solution			Convenience Feature		Security		Clock Option	
Screen Size	Resolution	Home Menu	LYNK™ REACH 4.0	LYNK™ HMS	Multi-code remote control	Improve Plug and Play	LYNK™ DRM	Security Mode	External Clock Compatibility	Software Clock
24", 28", 32", 40", 48"	24",28",32" : 1,366X768 Others: 1,920x1,080"	● (Except 478 Series)	●		●	●	●	●		●

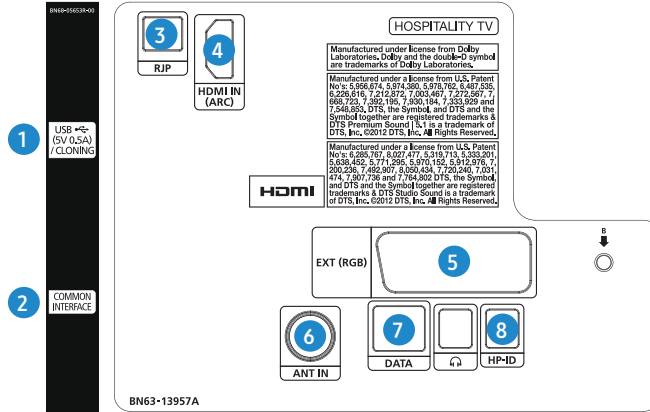
## Specifications

24"

### Connectors



- HG24EE470AK



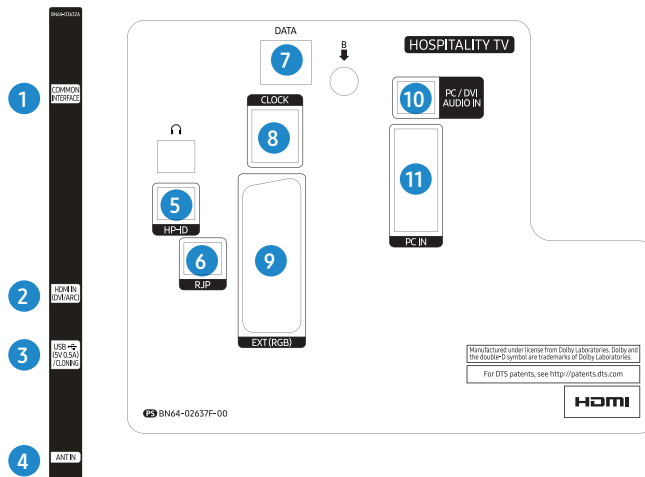
1. USB(5V 0.5A)/CLONING
2. COMMON INTERFACE
3. RJP
4. HDMI IN (ARC)
5. EXT(RGB)
6. ANT IN
7. DATA
8. HP-ID

28"

### Connectors



- HG28EE470AK



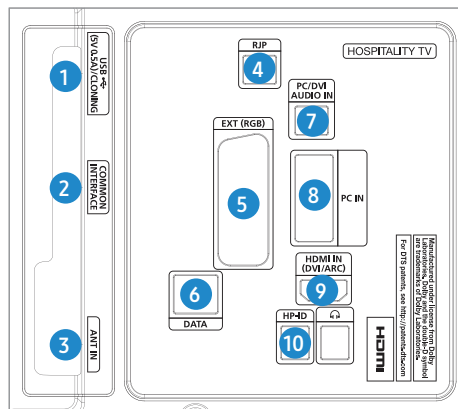
1. COMMON INTERFACE
2. HDMI IN (DVI/ARC)
3. USB(5V 0.5A)/CLONING
4. ANT IN
5. HP-ID
6. RJP
7. DATA
8. CLOCK
9. EXT(RGB)
10. PC/DVI AUDIO IN
11. PC IN

32"

### Connectors



- HG32EE470SK



1. USB(5V 0.5A)/CLONING
2. COMMON INTERFACE
3. ANT IN
4. RJP
5. EXT(RGB)
6. DATA
7. PC/DVI AUDIO IN
8. PC IN
9. HDMI IN (DVI/ARC)
10. HP-ID

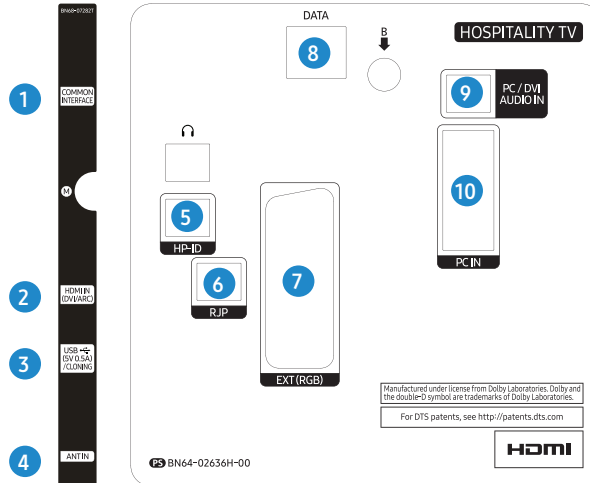
## Specifications

40", 48"

## Connectors



- HG40EE470SK
- HG48EE470SK



1. COMMON INTERFACE
2. HDMI IN (DVI/ARC)
3. USB(5V 0.5A)/CLONING
4. ANT IN
5. HP-ID
6. RJP
7. EXT (RGB)
8. DATA
9. PC/DVI AUDIO IN
10. PC IN

		24EE470 HG24EE470AK	28EE470 HG28EE470AK	32EE470 HG32EE470SK	40EE470 HG40EE470SK	48EE470 HG48EE470SK
Display	Backlight	LED	LED	LED	LED	LED
	Inch	24	28	32	40	48
	Resolution	1,366 x 768	1,366 x 768	1,366 x 768	1920 x 1080	1920 x 1080
Video	Picture Engine	HyperReal	HyperReal	HyperReal	HyperReal	HyperReal
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast
	Micro Dimming	N/A	N/A	N/A	N/A	N/A
	Active Crystal Color	N/A	N/A	N/A	N/A	N/A
	Wide Color Enhancer (Plus)	Yes	Yes	Yes	Yes	Yes
	Auto Motion Plus	N/A	N/A	N/A	N/A	N/A
	Film Mode	Yes	Yes	Yes	Yes	Yes
	Dolby Digital Plus	Yes	Yes	Yes	Yes	Yes
Audio	Virtual Surround	N/A	N/A	N/A	N/A	N/A
	DTS Codec	Yes	Yes	Yes	Yes	Yes
	Sound Output (RMS)	10W(L:5W, R:5W)	10W(L:5W, R:5W)	10W(L:5W, R:5W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)
	Speaker Type	2CH(Down Firing w/ Bass Reflex)	2CH(Down Firing w/ Bass Reflex)	2CH(Down Firing w/ Bass Reflex)	2CH(Down Firing w/ Bass Reflex)	2CH(Down Firing w/ Bass Reflex)
	Wallmount Sound Mode	Yes	Yes	Yes	Yes	Yes
	TV SoundConnect	N/A	N/A	N/A	N/A	N/A
	BT Headset Support	N/A	N/A	N/A	N/A	N/A
	Smart TV Type	Non Smart	Non Smart	Non Smart	Non Smart	Non Smart
SMART TV	Apps Panel	N/A	N/A	N/A	N/A	N/A
	Web Browser	N/A	N/A	N/A	N/A	N/A
	VESA Mount (mm)	75x75	100x100	200x200	200x200	200x200
VESA Standard	VESA Screw Size	M4	M4	M8	M8	M8
	Smart Interaction	Voice Control	N/A	N/A	N/A	N/A
Convergence	TV to Mobile - Mirroring	N/A	N/A	N/A	N/A	N/A
	Mobile to TV - Mirroring, DLNA	N/A	N/A	N/A	N/A	N/A
	Samsung SMART View	N/A	N/A	N/A	N/A	N/A
Differentiation	Sports Mode	Yes	Yes	Yes	Yes	Yes
	All Care Protection	N/A	N/A	N/A	N/A	N/A
Feature	Samsung 3D	N/A	N/A	N/A	N/A	N/A
	Processor	N/A	N/A	N/A	N/A	N/A
	Accessibility	N/A	N/A	N/A	N/A	N/A
	Digital Clean View	Yes	Yes	Yes	Yes	Yes
	Auto Channel Search	Yes	Yes	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes	Yes	Yes
	BD Wise Plus	N/A	N/A	N/A	N/A	N/A
	Caption (Subtitle)	Yes	Yes	Yes	Yes	Yes
	ConnectShare™ (HDD)	N/A	N/A	N/A	N/A	N/A
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes	Yes	Yes
	EPG	Yes	Yes	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes	Yes	Yes
	OSD Language	27 European Languages	27 European Languages	27 European Languages	27 European Languages	27 European Languages
	Picture-In-Picture	Yes	Yes	Yes	Yes	Yes
	BT HID Support	N/A	N/A	N/A	N/A	N/A
	USB HID Support	N/A	N/A	N/A	N/A	N/A
	Teletext (TTX)	Yes	Yes	Yes	Yes	Yes

	24EE470 HG24EE470AK	28EE470 HG28EE470AK	32EE470 HG32EE470SK	40EE470 HG40EE470SK	48EE470 HG48EE470SK
Samsung LYNK™ SINC Compatibility	N/A	N/A	N/A	N/A	N/A
Samsung LYNK™ HMS Compatibility	N/A	N/A	N/A	N/A	N/A
H.Browser	N/A	N/A	N/A	N/A	N/A
Samsung LYNK™ REACH (IP)	N/A	N/A	N/A	N/A	N/A
Samsung LYNK™ REACH (RF)	REACH 4.0	REACH 4.0	REACH 4.0	REACH 4.0	REACH 4.0
Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes	Yes	Yes	Yes
Hospitality Home Menu	Home Menu 2015	Home Menu 2015	Home Menu 2015	Home Menu 2015	Home Menu 2015
Bluetooth Music Player (Mobile → TV)	N/A	N/A	N/A	N/A	N/A
Hospitality Plug&Play(Easy Setup)	Yes	Yes	Yes	Yes	Yes
Auto Source Mode	Yes	Yes	Yes	Yes	Yes
Power On Mode	Yes	Yes	Yes	Yes	Yes
Hotel Channel List	Yes	Yes	Yes	Yes	Yes
Channel Menu Display	Yes	Yes	Yes	Yes	Yes
Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes	Yes	Yes	Yes
My Channel	Yes	Yes	Yes	Yes	Yes
Energy Saving Mode (BLU control)	Yes	Yes	Yes	Yes	Yes
Logo Display with Timer Out Setting (BMP/ Movie)	Yes	Yes	Yes	Yes	Yes
Welcome Message	Yes	Yes	Yes	Yes	Yes
RJ12/IR pass through	Yes	Yes	Yes	Yes	Yes
External Clock Compatibility	N/A	Yes	N/A	N/A	N/A
Clock Back Up Supply	Yes	Yes	Yes	Yes	Yes
External Clock Dimming Control	N/A	Yes	N/A	N/A	N/A
Software Clock	Yes	Yes	Yes	Yes	Yes
Multi Code Remote control	Yes	Yes	Yes	Yes	Yes
Screwed Battery Cover	Yes	Yes	Yes	Yes	Yes
Sound Bar Compatibility	Yes	Yes	Yes	Yes	Yes
Music Mode (Input: PC/AV/Component/ HDMI)	N/A	Yes	Yes	Yes	Yes
Music Mode Backlight on/off	N/A	Yes	Yes	Yes	Yes
TTX Clock Update (Analogue)	Yes	Yes	Yes	Yes	Yes
USB Cloning	Yes	Yes	Yes	Yes	Yes
Smovie Compatibility	Yes	Yes	Yes	Yes	Yes
Soft AP	N/A	N/A	N/A	N/A	N/A
On/Off Timer (Schedule)	Yes	Yes	Yes	Yes	Yes
Wake-up Timer (Alarm)	Yes	Yes	Yes	Yes	Yes
Samsung LYNK™ DRM	Yes	Yes	Yes	Yes	Yes
Pro:Idiom	N/A	N/A	N/A	N/A	N/A
bLAN	N/A	N/A	N/A	N/A	N/A
Security Mode	Yes	Yes	Yes	Yes	Yes
S/W EPG (Solution EPG)	Yes	Yes	Yes	Yes	Yes
Wake on LAN (WOL)	N/A	N/A	N/A	N/A	N/A
IPOver Coax	N/A	N/A	N/A	N/A	N/A

Hospitality  
Feature

	24EE470 HG24EE470AK	28EE470 HG28EE470AK	32EE470 HG32EE470SK	40EE470 HG40EE470SK	48EE470 HG48EE470SK	
<b>System</b>	Digital Broadcasting	DVB-T2/C	DVB-T2/C	DVB-T2/C	DVB-T2/C	
	Analog Tuner	Yes	Yes	Yes	Yes	
	CI (Common Interface)	CI+(1.3)	CI+(1.3)	CI+(1.3)	CI+(1.3)	
	Data Broadcasting	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP
	HDMI	0/1	1/0	0/1	1/0	1/0
USB	1/0	1/0	1/0	1/0	1/0	
Component In (Y/Pb/Pr)	N/A	N/A	N/A	N/A	N/A	
Composite In (AV)	N/A	N/A	N/A	N/A	N/A	
Ethernet (LAN)	N/A	N/A	N/A	N/A	N/A	
Headphone	0/1	0/1	0/1	0/1	0/1	
Audio Out (Mini Jack / LR)	N/A	N/A	N/A	N/A	N/A	
Digital Audio Out (Optical)	N/A	N/A	N/A	N/A	N/A	
RF In(Terrestrial / Cable input / Satellite Input)	0/1	1/0	1/0	1/0	1/0	
Ex-Link ( RS-232C )	N/A	N/A	N/A	N/A	N/A	
CI Slot	1/0	1/0	1/0	1/0	1/0	
Scart	0/1	0/1	0/1	0/1	0/1	
HDMI A / Return Ch.Support	Yes	Yes	Yes	Yes	Yes	
Wireless LAN Built-in	N/A	N/A	N/A	N/A	N/A	
Anynet+ (HDMI-CEC)	Yes	Yes	Yes	Yes	Yes	
Pillow Speaker Jack	N/A	N/A	N/A	N/A	N/A	
Variable Audio Out	N/A	N/A	N/A	N/A	N/A	
Variable Audio Out Volume Control	N/A	N/A	N/A	N/A	N/A	
Video Out	N/A	N/A	N/A	N/A	N/A	
RJ12	0/1	0/1	0/1	0/1	0/1	
RJP(For Remote Jackpack)	0/1	0/1	0/1	0/1	0/1	
Headphone ID	0/1	0/1	0/1	0/1	0/1	
Door-Eye Control	N/A	N/A	N/A	N/A	N/A	
Door-Eye Video In	N/A	N/A	N/A	N/A	N/A	
PC In (D-sub)	N/A	0/1	0/1	0/1	0/1	
PC/DVI Audio In (Mini Jack)	N/A	0/1	0/1	0/1	0/1	
Ethernet Bridge (LAN-Out)	N/A	N/A	N/A	N/A	N/A	

		24EE470 HG24EE470AK	28EE470 HG28EE470AK	32EE470 HG32EE470SK	40EE470 HG40EE470SK	48EE470 HG48EE470SK
<b>Design</b>	Front Color	Black	Black	Black	Black	Black
	Stand Type	Square	Square	Square	Square	Square
	Swivel (Left/Right)	N/A	N/A	90/90	90/90	90/90
<b>Dimension</b>	Set Size without Stand - Wall Mount Side (WxHxD)(mm)	561.8 x 349.1 x 47.9	643.4 x 396.5 x 49.1	745.4 x 442.2 x 57.9	922.7 x 530.7 x 58.8	1098.7 x 638.7 x 60.2
	Set Size without Stand - Speaker Side (WxHxD)(mm)	561.8 x 349.1 x 65.2	643.4 x 396.5 x 62.9	745.4 x 442.2 x 69.0	922.7 x 530.7 x 72.0	1098.7 x 638.7 x 73.9
	Set Size with Stand (WxHxD)(mm)	561.8 x 384.2 x 163.8	643.4 x 435.0 x 163.4	745.4 x 484.7 x 192.6	922.7 x 582.3 x 226.5	1098.7 x 689.5 x 226.5
	Package Size (WxHxD)(mm)	743.0 x 407.0 x 114.0	815.0 x 463.0 x 108.0	912.0 x 507.0 x 135.0	1097.0 x 614.0 x 143.0	1315.0 x 755.0 x 161.0
<b>Weight</b>	Set Weight without Stand (kg)	3.9	3.8	4.0	6.8	9.8
	Set Weight with Stand (kg)	4.1	4.2	5.6	9.7	12.7
	Package Weight (kg)	5.1	5.4	7.2	12.0	16.8
<b>Accessory</b>	Remote Controller Model	TM1240A	TM1240A	TM1240A	TM1240A	TM1240A
	Batteries (for Remote Control)	Yes	Yes	Yes	Yes	Yes
	Samsung Smart Control (Included)	N/A	N/A	N/A	N/A	N/A
	Ultra Slim Wall Mount Support	N/A	N/A	N/A	N/A	N/A
	Mini Wall Mount Support	N/A	N/A	Yes	Yes	Yes
	VESA Wall Mount Support	Yes	Yes	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes	Yes	Yes
	Data Cable	Yes	Yes	Yes	Yes	Yes
	Stand Mount Kit	N/A	N/A	N/A	Yes	Yes
	Security Screws	N/A	N/A	N/A	N/A	N/A
Angle Adaptor (for Side RF tuner)	N/A	Yes	N/A	N/A	N/A	



## NOTE.

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Samsung HE590 Series Hospitality Displays



# Samsung Hospitality Display with Manageability - HE590

Deliver Premium Interactive Guest Services through Hospitality Displays

- Stylish design that includes a swivel stand for customized, comfortable guest enjoyment
- Simplified management of hundreds of in-room displays through the LYNK REACH 4.0 solution’s centralized server
- Access to a wider range of available cannel for improved guest interactivity
- Deliver in-room content with heightened security through integrated LYNK DRM functionality

Basic Feature		Hospitality Solution			Convenience Feature		Security		Clock Option	
Screen Size	Resolution	Home Menu	LYNK™ REACH 4.0	LYNK™ HMS	Multi-code remote control	Improve Plug and Play	LYNK™ DRM	Security Mode	External Clock Compatibility	Software Clock
32", 40"	32" : 1,366X768 Others: 1,920x1,080	•	•	•	•	•	•	•		•

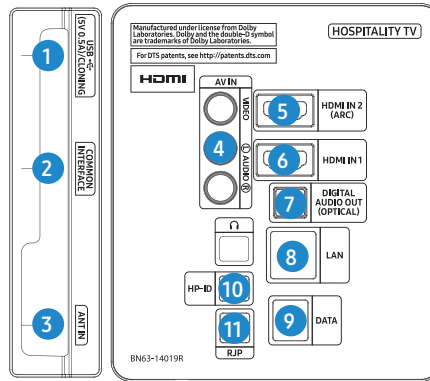
# Specifications

32"

## Connectors



- HG32EE590SK



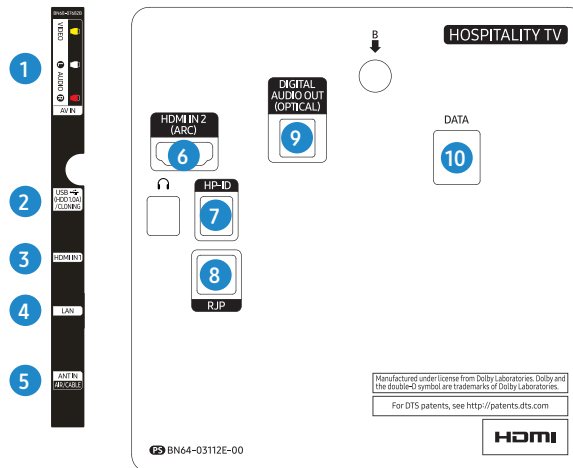
1. USB(5V 0.5A) / CLONING
2. COMMON INTERFACE
3. ANT IN
4. AV IN
5. HDMI IN2 (ARC)
6. HDMI IN1
7. DIGITAL AUDIO OUT (OPTICAL)
8. LAN
9. DATA
10. HP-ID
11. RJP

40"

## Connectors



- HG40EE590SK



1. AV IN
2. USB(HDD1.0A)/CLONING
3. HDMI IN1
4. LAN
5. ANT IN(AIR/CABLE)
6. HDMI IN2 (ARC)
7. HP-ID
8. RJP
9. DIGITAL AUDIO OUT (OPTICAL)
10. DATA

		32EE590 HG32EE590SK	40EE590 HG40EE590SK
Display	Backlight	LED	LED
	Inch	32	40
	Resolution	1,366 x 768	1920 x 1080
Video	Picture Engine	HyperReal	HyperReal
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast
	Micro Dimming	N/A	N/A
	Active Crystal Color	N/A	N/A
	Wide Color Enhancer (Plus)	Yes	Yes
	Auto Motion Plus	N/A	N/A
	Film Mode	Yes	Yes
	Audio	Dolby Digital Plus	Yes
Virtual Surround		Yes	Yes
DTS Codec		Yes	Yes
Sound Output (RMS)		10W(L:5W, R:5W)	20W(L:10W, R:10W)
Speaker Type		2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)
Wallmount Sound Mode		Yes	Yes
TV SoundConnect		N/A	N/A
BT Headset Support		N/A	N/A
SMART TV	Smart TV Type	Smart	Smart
	Apps Panel	Yes	Yes
	Web Browser	Yes	Yes
VESA Standard	VESA Mount (mm)	200x200	200x200
	VESA Screw Size	M8	M8
Smart Interaction	Voice Control	N/A	N/A
Convergence	TV to Mobile - Mirroring	N/A	N/A
	Mobile to TV - Mirroring, DLNA	Yes	Yes
	Samsung SMART View	Yes	Yes
Differentiation	Sports Mode	Yes	Yes
	All Care Protection	N/A	N/A
Feature	Samsung 3D	N/A	N/A
	Processor	Quad Core	Quad Core
	Accessibility	Yes (Enlarge/ High contrast)	Yes (Enlarge/ High contrast)
	Digital Clean View	Yes	Yes
	Auto Channel Search	Yes	Yes
	Auto Power Off	Yes	Yes
	BD Wise Plus	N/A	N/A
	Caption (Subtitle)	Yes	Yes
	ConnectShare™ (HDD)	N/A	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes
	EPG	Yes	Yes
	Game Mode	Yes	Yes
	OSD Language	27 European Languages	27 European Languages
	Picture-In-Picture	Yes	Yes
	BT HID Support	N/A	N/A
	USB HID Support	Yes	Yes
	Teletext (TTX)	Yes	Yes

	32EE590 HG32EE590SK	40EE590 HG40EE590SK
Samsung LYNK™ SINC Compatibility	Yes	Yes
Samsung LYNK™ HMS Compatibility	N/A	N/A
H.Browser	Yes	Yes
Samsung LYNK™ REACH (IP)	REACH 4.0	REACH 4.0
Samsung LYNK™ REACH (RF)	REACH 4.0	REACH 4.0
Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes
Hospitality Home Menu	Home Menu 2015	Home Menu 2015
Bluetooth Music Player (Mobile → TV)	N/A	N/A
Hospitality Plug&Play(Easy Setup)	Yes	Yes
Auto Source Mode	Yes	Yes
Power On Mode	Yes	Yes
Hotel Channel List	Yes	Yes
Channel Menu Display	Yes	Yes
Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes
My Channel	Yes	Yes
Energy Saving Mode (BLU control)	Yes	Yes
Logo Display with Timer Out Setting (BMP/ Movie)	Yes	Yes
Welcome Message	Yes	Yes
RJ12/IR pass through	Yes	Yes
External Clock Compatibility	N/A	N/A
Clock Back Up Supply	Yes	Yes
External Clock Dimming Control	N/A	N/A
Software Clock	Yes	Yes
Multi Code Remote control	Yes	Yes
Screwed Battery Cover	Yes	Yes
Sound Bar Compatibility	Yes	Yes
Music Mode (Input: PC/AV/Component/ HDMI)	Yes	Yes
Music Mode Backlight on/off	Yes	Yes
TTX Clock Update (Analogue)	Yes	Yes
USB Cloning	Yes	Yes
Smovie Compatibility	Yes	Yes
Soft AP	Yes	Yes
On/Off Timer (Schedule)	Yes	Yes
Wake-up Timer (Alarm)	Yes	Yes
Samsung LYNK™ DRM	Yes	Yes
Pro:Idiom	N/A	N/A
bLAN	N/A	N/A
Security Mode	Yes	Yes
S/W EPG (Solution EPG)	Yes	Yes
Wake on LAN (WOL)	Yes	Yes
IP Over Coax	N/A	N/A

Hospitality  
Feature

	32EE590 HG32EE590SK	40EE590 HG40EE590SK	
<b>System</b>	Digital Broadcasting	DVB-T2/C	DVB-T2/C
	Analog Tuner	Yes	Yes
	CI (Common Interface)	CI+(1.3)	CI+(1.3)
	Data Broadcasting	HbbTV(CZ,SK,PL,DE,AT,CH,FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV(CZ,SK,PL,DE,AT,CH,FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP
<b>Input &amp; Output</b>	HDMI	0/1	1/1
	USB	1/0	1/0
	Component In (Y/Pb/Pr)	N/A	N/A
	Composite In (AV)	0/1	1/0
	Ethernet (LAN)	0/1	1/0
	Headphone	0/1	0/1
	Audio Out (Mini Jack / LR)	N/A	N/A
	Digital Audio Out (Optical)	0/1	0/1
	RF In(Terrestrial / Cable input / Satellite Input)	1/0	1/0
	Ex-Link ( RS-232C )	N/A	N/A
	CI Slot	1/0	0/1
	Scart	N/A	N/A
	HDMI A / Return Ch.Support	Yes	Yes
	Wireless LAN Built-in	Yes	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes
	Pillow Speaker Jack	N/A	N/A
	Variable Audio Out	N/A	N/A
	Variable Audio Out Volume Control	N/A	N/A
	Video Out	N/A	N/A
	RJ12	0/1	0/1
	RJP(For Remote Jackpack)	0/1	0/1
	Headphone ID	0/1	0/1
	Door-Eye Control	N/A	N/A
	Door-Eye Video In	N/A	N/A
	PC In (D-sub)	N/A	N/A
	PC/DVI Audio In (Mini Jack)	N/A	N/A
	Ethernet Bridge (LAN-Out)	N/A	N/A

		<b>32EE590 HG32EE590SK</b>	<b>40EE590 HG40EE590SK</b>
<b>Design</b>	Front Color	Black	Black
	Stand Type	Square	Square
	Swivel (Left/Right)	90/90	90/90
<b>Dimension</b>	Set Size without Stand - Wall Mount Side (WxHxD)(mm)	745.4 x 442.2 x 579	922.7x522.7x58.8
	Set Size without Stand - Speaker Side (WxHxD)(mm)	745.4 x 442.2 x 69.0	922.7x522.7x72.2
	Set Size with Stand (WxHxD)(mm)	745.4 x 484.7 x 192.6	922.7x581.8x226.5
	Package Size (WxHxD)(mm)	912.0 x 507.0 x 135.0	1133 x 617 x 134
<b>Weight</b>	Set Weight without Stand (kg)	4.0	7.7
	Set Weight with Stand (kg)	5.6	10.6
	Package Weight (kg)	7.2	12.8
<b>Accessory</b>	Remote Controller Model	TM1240A	TM1240A
	Batteries (for Remote Control)	Yes	Yes
	Samsung Smart Control (Included)	N/A	N/A
	Ultra Slim Wall Mount Support	N/A	N/A
	Mini Wall Mount Support	N/A	N/A
	VESA Wall Mount Support	Yes	Yes
	Power Cable	Yes	Yes
	Quick Install Guide	Yes	Yes
	Data Cable	Yes	Yes
	Stand Mount Kit	Yes	Yes
	Security Screws	Yes	Yes
Angle Adaptor (for Side RF tuner)	N/A	N/A	

Samsung HE670 Series Hospitality Displays



# Samsung Hospitality Display with Manageability - HE670

Deliver Premium Guest Services through Samsung’s Coaxial-based HE670 Hospitality Displays

- Slim, stylish design mounted on a swivel stand achieves ambiance for the hotel room and convenience for hotel-guest’s viewing experience.
- On-screen home menu provides valuable guest information in a convenient and concise setting.
- Advanced plug-and-play capabilities synchronize display functionalities to accelerate multi-screen implementation
- Headphone ID detects personal headphones connected to the extension sockets next to a bed and connects to TV for a personal viewing experience.
- External clock accessory enables guests to quickly – and comfortably – get the time with just a glance.

Basic Feature		Hospitality Solution			Convenience Feature		Security		Clock Option	
Screen Size	Resolution	Home Menu	LYNK™ REACH 4.0	LYNK™ HMS	Multi-code remote control	Improve Plug and Play	LYNK™ DRM	Security Mode	External Clock Compatibility	Software Clock
32",40",49",55"	1,920x1,080	•	•		•	•	•	•	•	•



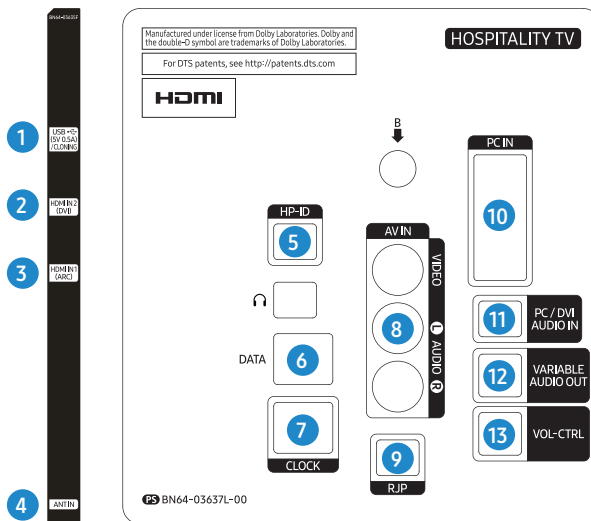
# Specifications

32",40"49"55"

## Connectors



- HG32EE670DK
- HG40EE670DK
- HG49EE670DK
- HG55EE670DK



1. USB (5V 0.5A) / CLONING
2. HDMI IN2 (DVI)
3. HDMI IN1 (ARC)
4. ANT IN
5. HP-ID
6. DATA
7. CLOCK
8. AV IN
9. RJP
10. PC IN
11. PC/DVI AUDIO IN
12. VARIABLE AUDIO OUT
13. VOL-CTRL

		32EE670 HG32EE670DK	40EE670 HG40EE670DK	49EE670 HG49EE670DK	55EE670 HG55EE670DK
<b>Display</b>	Backlight	LED	LED	LED	LED
	Inch	32	40	49	55
	Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
<b>Video</b>	Picture Engine	HyperReal	HyperReal	HyperReal	HyperReal
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast
	Micro Dimming	N/A	N/A	N/A	N/A
	Active Crystal Color	N/A	N/A	N/A	N/A
	Wide Color Enhancer (Plus)	Yes	Yes	Yes	Yes
	Auto Motion Plus	N/A	N/A	N/A	N/A
	Film Mode	Yes	Yes	Yes	Yes
	Dolby Digital Plus	Yes	Yes	Yes	Yes
<b>Audio</b>	Virtual Surround	N/A	N/A	N/A	N/A
	DTS Codec	Yes	Yes	Yes	Yes
	Sound Output (RMS)	20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)
	Speaker Type	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)
	Wallmount Sound Mode	Yes	Yes	Yes	Yes
	TV SoundConnect	N/A	N/A	N/A	N/A
	BT Headset Support	N/A	N/A	N/A	N/A
	Smart TV Type	Non Smart	Non Smart	Non Smart	Non Smart
<b>SMART TV</b>	Apps Panel	N/A	N/A	N/A	N/A
	Web Browser	N/A	N/A	N/A	N/A
	VESA Mount (mm)	100x100	200x200	200x200	400x400
<b>VESA Standard</b>	VESA Screw Size	M4	M8	M8	M8
	<b>Smart Interaction</b>	Voice Control	N/A	N/A	N/A
<b>Convergence</b>	TV to Mobile - Mirroring	N/A	N/A	N/A	N/A
	Mobile to TV - Mirroring, DLNA	N/A	N/A	N/A	N/A
	Samsung SMART View	N/A	N/A	N/A	N/A
<b>Differentiation</b>	Sports Mode	Yes	Yes	Yes	Yes
	All Care Protection	N/A	N/A	N/A	N/A
<b>Feature</b>	Samsung 3D	N/A	N/A	N/A	N/A
	Processor	N/A	N/A	N/A	N/A
	Accessibility	N/A	N/A	N/A	N/A
	Digital Clean View	Yes	Yes	Yes	Yes
	Auto Channel Search	Yes	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes	Yes
	BD Wise Plus	N/A	N/A	N/A	N/A
	Caption (Subtitle)	Yes	Yes	Yes	Yes
	ConnectShare™ (HDD)	N/A	N/A	N/A	N/A
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes	Yes
	EPG	Yes	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes	Yes
	OSD Language	27 European Languages	27 European Languages	27 European Languages	27 European Languages
	Picture-In-Picture	Yes	Yes	Yes	Yes
	BT HID Support	N/A	N/A	N/A	N/A
	USB HID Support	N/A	N/A	N/A	N/A
	Teletext (TTX)	Yes	Yes	Yes	Yes

	32EE670 HG32EE670DK	40EE670 HG40EE670DK	49EE670 HG49EE670DK	55EE670 HG55EE670DK
Samsung LYNK™ SINC Compatibility	N/A	N/A	N/A	N/A
Samsung LYNK™ HMS Compatibility	N/A	N/A	N/A	N/A
H.Browser	N/A	N/A	N/A	N/A
Samsung LYNK™ REACH (IP)	N/A	N/A	N/A	N/A
Samsung LYNK™ REACH (RF)	REACH 4.0	REACH 4.0	REACH 4.0	REACH 4.0
Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes	Yes	Yes
Hospitality Home Menu	Home Menu 2015	Home Menu 2015	Home Menu 2015	Home Menu 2015
Bluetooth Music Player (Mobile → TV)	N/A	N/A	N/A	N/A
Hospitality Plug&Play(Easy Setup)	Yes	Yes	Yes	Yes
Auto Source Mode	Yes	Yes	Yes	Yes
Power On Mode	Yes	Yes	Yes	Yes
Hotel Channel List	Yes	Yes	Yes	Yes
Channel Menu Display	Yes	Yes	Yes	Yes
Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes	Yes	Yes
My Channel	Yes	Yes	Yes	Yes
Energy Saving Mode (BLU control)	Yes	Yes	Yes	Yes
Logo Display with Timer Out Setting (BMP/Movie)	Yes	Yes	Yes	Yes
Welcome Message	Yes	Yes	Yes	Yes
RJ12/IR pass through	Yes	Yes	Yes	Yes
External Clock Compatibility	Yes	Yes	Yes	Yes
Clock Back Up Supply	Yes	Yes	Yes	Yes
External Clock Dimming Control	Yes	Yes	Yes	Yes
Software Clock	Yes	Yes	Yes	Yes
Multi Code Remote control	Yes	Yes	Yes	Yes
Screwed Battery Cover	Yes	Yes	Yes	Yes
Sound Bar Compatibility	Yes	Yes	Yes	Yes
Music Mode (Input: PC/AV/Component/HDMI)	Yes	Yes	Yes	Yes
Music Mode Backlight on/off	Yes	Yes	Yes	Yes
TTX Clock Update (Analogue)	Yes	Yes	Yes	Yes
USB Cloning	Yes	Yes	Yes	Yes
Smovie Compatibility	Yes	Yes	Yes	Yes
Soft AP	N/A	N/A	N/A	N/A
On/Off Timer (Schedule)	Yes	Yes	Yes	Yes
Wake-up Timer (Alarm)	Yes	Yes	Yes	Yes
Samsung LYNK™ DRM	Yes	Yes	Yes	Yes
Pro:Idiom	N/A	N/A	N/A	N/A
bLAN	N/A	N/A	N/A	N/A
Security Mode	Yes	Yes	Yes	Yes
S/W EPG (Solution EPG)	Yes	Yes	Yes	Yes
Wake on LAN (WOL)	N/A	N/A	N/A	N/A
IPOver Coax	N/A	N/A	N/A	N/A

Hospitality  
Feature

	32EE670 HG32EE670DK	40EE670 HG40EE670DK	49EE670 HG49EE670DK	55EE670 HG55EE670DK	
<b>System</b>	Digital Broadcasting	DVB-T2/C	DVB-T2/C	DVB-T2/C	
	Analog Tuner	Yes	Yes	Yes	
	CI (Common Interface)	CI+(1.3)	CI+(1.3)	CI+(1.3)	
	Data Broadcasting	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP
		HDMI	2/0	2/0	2/0
<b>Input &amp; Output</b>	USB	1/0	1/0	1/0	
	Component In (Y/Pb/Pr)	N/A	N/A	N/A	
	Composite In (AV)	0/1	0/1	0/1	
	Ethernet (LAN)	N/A	N/A	N/A	
	Headphone	0/1	0/1	0/1	
	Audio Out (Mini Jack / LR)	N/A	N/A	N/A	
	Digital Audio Out (Optical)	N/A	N/A	N/A	
	RF In(Terrestrial / Cable input / Satellite Input)	1/0	1/0	1/0	
	Ex-Link ( RS-232C )	N/A	N/A	N/A	
	CI Slot	0/1	0/1	0/1	
	Scart	N/A	N/A	N/A	
	HDMI A / Return Ch.Support	Yes	Yes	Yes	
	Wireless LAN Built-in	N/A	N/A	N/A	
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes	
	Pillow Speaker Jack	N/A	N/A	N/A	
	Variable Audio Out	0/1	0/1	0/1	
	Variable Audio Out Volume Control	0/1	0/1	0/1	
	Video Out	N/A	N/A	N/A	
	RJ12	0/1	0/1	0/1	
	RJP(For Remote Jackpack)	0/1	0/1	0/1	
	Headphone ID	0/1	0/1	0/1	
	Door-Eye Control	N/A	N/A	N/A	
	Door-Eye Video In	N/A	N/A	N/A	
	PC In (D-sub)	0/1	0/1	0/1	
	PC/DVI Audio In (Mini Jack)	0/1	0/1	0/1	
	Ethernet Bridge (LAN-Out)	N/A	N/A	N/A	

		32EE670 HG32EE670DK	40EE670 HG40EE670DK	49EE670 HG49EE670DK	55EE670 HG55EE670DK
<b>Design</b>	Front Color	Dark Titan	Dark Titan	Dark Titan	Dark Titan
	Stand Type	Square	Square	Square	Square
	Swivel (Left/Right)	90/90	90/90	90/90	90/90
<b>Dimension</b>	Set Size without Stand - Wall Mount Side (WxHxD)(mm)	730.4 x 433.8 x 40.3	917.6 x 539.2 x 40.2	1105.8 x 645.0 x 39.8	1241.6 x 721.4 x 40.0
	Set Size without Stand - Speaker Side (WxHxD)(mm)	730.4 x 433.8 x 54.6	917.6 x 539.2 x 54.2	1105.8 x 645.0 x 54.6	1241.6 x 721.4 x 54.5
	Set Size with Stand (WxHxD)(mm)	730.4 x 482.8 x 192.6	917.6 x 591.1 x 226.5	1105.8 x 697.0 x 226.5	1241.6 x 773.3 x 226.5
	Package Size (WxHxD)(mm)	913 x 534 x 113	1105 x 636 x 116	1290 x 746 x 130	1424 x 812 x 140
<b>Weight</b>	Set Weight without Stand (kg)	5.5	8.5	13.1	16
	Set Weight with Stand (kg)	7.1	11.4	16	18.9
	Package Weight (kg)	8.8	13.2	19.9	24.1
<b>Accessory</b>	Remote Controller Model	TM1240A	TM1240A	TM1240A	TM1240A
	Batteries (for Remote Control)	Yes	Yes	Yes	Yes
	Samsung Smart Control (Included)	N/A	N/A	N/A	N/A
	Ultra Slim Wall Mount Support	N/A	N/A	N/A	N/A
	Mini Wall Mount Support	N/A	Yes	Yes	Yes
	VESA Wall Mount Support	Yes	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes	Yes
	Data Cable	Yes	Yes	Yes	Yes
	Stand Mount Kit	N/A	Yes	Yes	Yes
	Security Screws	N/A	N/A	N/A	N/A
Angle Adaptor (for Side RF tuner)	N/A	N/A	N/A	N/A	

Samsung HE690 Series Hospitality Displays



# Samsung Hospitality Display with Manageability - HE690

Deliver Premium Interactive Guest Services through Samsung HE690 Hospitality Displays

- Slim, stylish design adds ambience to the hotel room while maintaining guests’ focus on on-screen content
- Simplified management of hundreds of in-room displays through the LYNK REACH 4.0 solution’s centralized server
- Expanded connectivity and program access through a connected Ethernet bridge and Bluetooth music player
- Display and enjoy content from compatible personal devices through wireless content sharing

Basic Feature		Hospitality Solution			Convenience Feature		Security		Clock Option	
Screen Size	Resolution	Home Menu	LYNK™ REACH 4.0	LYNK™ HMS	Multi-code remote control	Improve Plug and Play	LYNK™ DRM	Security Mode	External Clock Compatibility	Software Clock
24", 28", 32", 40", 49", 55"	24"&28" : 1,366X768 Others: 1,920x1,080	•	•	•	•	•	•	•	•	•

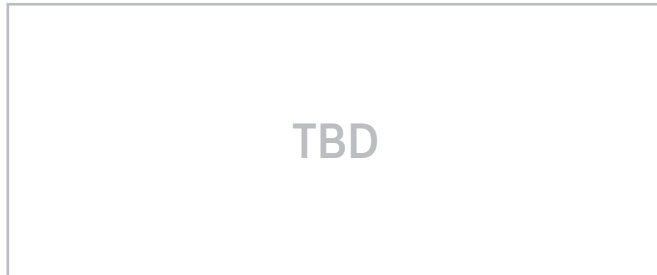
## Specifications

24",28"

Connectors



- HG24EE690AB
- HG28EE690AB



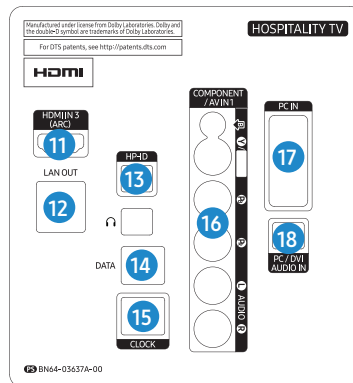
1. TBD

32", 40",49",55"

Connectors



- HG32EE690DB
- HG40EE690DB
- HG49EE690DB
- HG55EE690DB



1. VARIABLE AUDIO OUT
2. VOL-CTRL
3. USB (5V 0.5A)
4. USB (HDD 1.0A) /CLONING
5. HDMI IN2
6. HDMI IN1 (DVI)
7. LAN
8. RJP
9. DIGITAL AUDIO OUT(OPTICAL)
10. ANT IN (SATELLITE,AIR/CABLE)
11. HDMI IN3 (ARC)
12. LAN OUT
13. HP-ID
14. DATA
15. CLOCK
16. COMPONENT / AV IN1
17. PC IN
18. PC/DVI AUDIO IN

		24EE690 HG24EE690AB	28EE690 HG28EE690AB	32EE690 HG32EE690DB
Display	Backlight	LED	LED	LED
	Inch	24	28	32
	Resolution	1,366 x 768	1,366 x 768	1920 x 1080
Video	Picture Engine	HyperReal	HyperReal	HyperReal
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast	Mega Contrast
	Micro Dimming	N/A	N/A	N/A
	Active Crystal Color	N/A	N/A	N/A
	Wide Color Enhancer (Plus)	Yes	Yes	Yes
	Auto Motion Plus	N/A	N/A	N/A
	Film Mode	Yes	Yes	Yes
	Audio	Dolby Digital Plus	Yes	Yes
Virtual Surround		Yes	Yes	Yes
DTS Codec		Yes	Yes	Yes
Sound Output (RMS)		10W(L:5W, R:5W)	10W(L:5W, R:5W)	20W(L:10W, R:10W)
Speaker Type		2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)
Wallmount Sound Mode		Yes	Yes	Yes
TV SoundConnect		N/A	N/A	Yes
BT Headset Support		N/A	N/A	Yes
SMART TV	Smart TV Type	Smart	Smart	Smart
	Apps Panel	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes
VESA Standard	VESA Mount (mm)	75x75	100x100	100x100
	VESA Screw Size	M4	M4	M4
Smart Interaction	Voice Control	N/A	N/A	Yes
Convergence	TV to Mobile - Mirroring	N/A	N/A	N/A
	Mobile to TV - Mirroring, DLNA	Yes	Yes	Yes
	Samsung SMARTView	Yes	Yes	Yes
Differentiation	Sports Mode	Yes	Yes	Yes
	All Care Protection	N/A	N/A	N/A
Feature	Samsung 3D	N/A	N/A	N/A
	Processor	Quad Core	Quad Core	Quad Core
	Accessibility	Enlarge/ High contrast	Enlarge/ High contrast	Enlarge/ High contrast
	Digital Clean View	Yes	Yes	Yes
	Auto Channel Search	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes
	BD Wise Plus	N/A	N/A	N/A
	Caption (Subtitle)	Yes	Yes	Yes
	ConnectShare™ (HDD)	Yes	Yes	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes
	EPG	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes
	OSD Language	27 European Languages	27 European Languages	27 European Languages
	Picture-In-Picture	Yes	Yes	Yes
	BT HID Support	N/A	N/A	Yes
	USB HID Support	Yes	Yes	Yes
	Teletext (TTX)	Yes	Yes	Yes



	24EE690 HG24EE690AB	28EE690 HG28EE690AB	32EE690 HG32EE690DB
Samsung LYNK™ SINC Compatibility	Yes	Yes	Yes
Samsung LYNK™ HMS Compatibility	N/A	N/A	Yes
H.Browser	Yes	Yes	Yes
Samsung LYNK™ REACH (IP)	REACH4.0	REACH4.0	REACH4.0
Samsung LYNK™ REACH (RF)	REACH4.0	REACH4.0	REACH4.0
Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes	Yes
Hospitality Home Menu	Home Menu 2015	Home Menu 2015	Home Menu 2015
Bluetooth Music Player (Mobile → TV)	N/A	N/A	Yes
Hospitality Plug&Play(Easy Setup)	Yes	Yes	Yes
Auto Source Mode	Yes	Yes	Yes
Power On Mode	Yes	Yes	Yes
Hotel Channel List	Yes	Yes	Yes
Channel Menu Display	Yes	Yes	Yes
Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes	Yes
My Channel	Yes	Yes	Yes
Energy Saving Mode (BLU control)	Yes	Yes	Yes
Logo Display with Timer Out Setting (BMP/Movie)	Yes	Yes	Yes
Welcome Message	Yes	Yes	Yes
RJ12/IR pass through	Yes	Yes	Yes
External Clock Compatibility	N/A	Yes	Yes
Clock Back Up Supply	Yes	Yes	Yes
External Clock Dimming Control	N/A	Yes	Yes
Software Clock	Yes	Yes	Yes
Multi Code Remote control	Yes	Yes	Yes
Screwed Battery Cover	Yes	Yes	Yes
Sound Bar Compatibility	Yes	Yes	Yes
Music Mode (Input: PC/AV/Component/HDMI)	Yes	Yes	Yes
Music Mode Backlight on/off	Yes	Yes	Yes
TTX Clock Update (Analogue)	Yes	Yes	Yes
USB Cloning	Yes	Yes	Yes
Smovie Compatibility	Yes	Yes	Yes
Soft AP	Yes	Yes	Yes
On/Off Timer (Schedule)	Yes	Yes	Yes
Wake-up Timer (Alarm)	Yes	Yes	Yes
Samsung LYNK™ DRM	Yes	Yes	Yes
Pro:Idiom	N/A	N/A	N/A
bLAN	N/A	N/A	N/A
Security Mode	Yes	Yes	Yes
S/W EPG (Solution EPG)	Yes	Yes	Yes
Wake on LAN (WOL)	Yes	Yes	Yes
IPOver Coax	N/A	N/A	N/A

Hospitality  
Feature

	24EE690 HG24EE690AB	28EE690 HG28EE690AB	32EE690 HG32EE690DB	
<b>System</b>	Digital Broadcasting	DVB-T2/C/S2	DVB-T2/C/S2	
	Analog Tuner	Yes	Yes	
	CI (Common Interface)	CI+(1.3)	CI+(1.3)	
	Data Broadcasting	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK)	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK)	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK)
<b>Input &amp; Output</b>	HDMI	0/2	1/2	2/1
	USB	1/0	2/0	2/0
	Component In (Y/Pb/Pr)	N/A	N/A	0/1
	Composite In (AV)	N/A	1/0	0/1 (Common Use for Component Y)
	Ethernet (LAN)	1/0	1/0	1/0
	Headphone	0/1	0/1	0/1
	Audio Out (Mini Jack / LR)	N/A	N/A	N/A
	Digital Audio Out (Optical)	0/1	0/1	1/0
	RF In(Terrestrial / Cable input / Satellite Input)	0/1	1/0	1/0
	Ex-Link ( RS-232C )	N/A	N/A	N/A
	CI Slot	1/0	0/1	0/1
	Scart	N/A	N/A	N/A
	HDMI A / Return Ch.Support	Yes	Yes	Yes
	Wireless LAN Built-in	Yes	Yes	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes
	Pillow Speaker Jack	N/A	N/A	N/A
	Variable Audio Out	N/A	0/1	1/0
	Variable Audio Out Volume Control	N/A	0/1	1/0
	Video Out	N/A	N/A	N/A
	RJ12	0/1	0/1	0/1
	RJP(For Remote Jackpack)	0/1	0/1	1/0
	Headphone ID	0/1	0/1	0/1
	Door-Eye Control	N/A	N/A	N/A
	Door-Eye Video In	N/A	N/A	N/A
	PC In (D-sub)	0/1	0/1	0/1
	PC/DVI Audio In (Mini Jack)	0/1	0/1	0/1
	Ethernet Bridge (LAN-Out)	N/A	N/A	0/1

		24EE690 HG24EE690AB	28EE690 HG28EE690AB	32EE690 HG32EE690DB
<b>Design</b>	Front Color	Black	Black	Dark Titan
	Stand Type	Square	Square	Square
	Swivel (Left/Right)	N/A	N/A	90/90
<b>Dimension</b>	Set Size without Stand - Wall Mount Side (WxHxD)(mm)	561.8x349.1x49.1	643.4 x 396.5 x 49.1	730.4 x 433.8 x 40.3
	Set Size without Stand - Speaker Side (WxHxD)(mm)	561.8x349.1x66.6	643.4 x 396.5 x 62.9	730.4 x 433.8 x 54.6
	Set Size with Stand (WxHxD)(mm)	561.8x383.5x163.7	643.4 x 435.0 x 163.4	730.4 x 482.8 x 192.6
	Package Size (WxHxD)(mm)	743 x 407 x 114	815 x 463 x 108	913 x 534 x 113
<b>Weight</b>	Set Weight without Stand (kg)	4	3.8	5.5
	Set Weight with Stand (kg)	4.2	4.2	7.1
	Package Weight (kg)	5.4	5.4	8.8
<b>Accessory</b>	Remote Controller Model	TM1240A	TM1240A	TM1240A
	Batteries (for Remote Control)	Yes	Yes	Yes
	Samsung Smart Control (Included)	N/A	N/A	N/A
	Ultra Slim Wall Mount Support	N/A	N/A	N/A
	Mini Wall Mount Support	N/A	N/A	N/A
	VESA Wall Mount Support	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes
	Data Cable	Yes	Yes	Yes
	Stand Mount Kit	N/A	N/A	Yes
	Security Screws	N/A	N/A	N/A
Angle Adaptor (for Side RF tuner)	N/A	Yes	N/A	

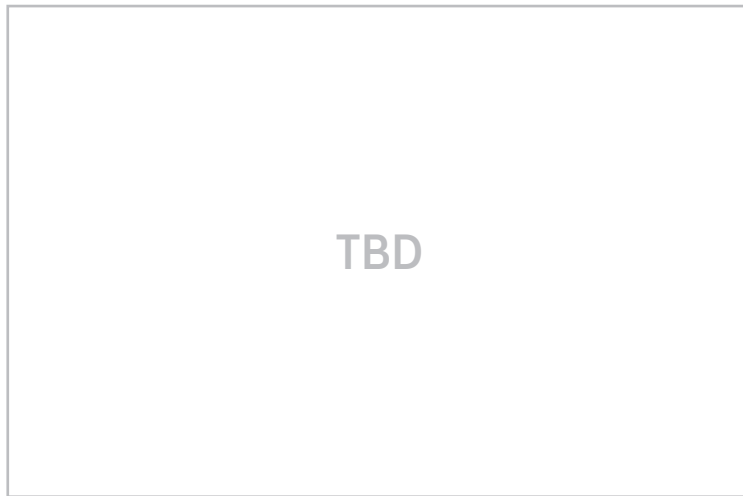
		40EE690 HG40EE690DB	49EE690 HG49EE690DB	55EE690 HG55EE690DB
<b>Display</b>	Backlight	LED	LED	LED
	Inch	40	49	55
	Resolution	1920 x1080	1920 x1080	1920 x1080
<b>Video</b>	Picture Engine	HyperReal	HyperReal	HyperReal
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast	Mega Contrast
	Micro Dimming	N/A	N/A	N/A
	Active Crystal Color	N/A	N/A	N/A
	Wide Color Enhancer (Plus)	Yes	Yes	Yes
	Auto Motion Plus	N/A	N/A	N/A
	Film Mode	Yes	Yes	Yes
	<b>Audio</b>	Dolby Digital Plus	Yes	Yes
Virtual Surround		Yes	Yes	Yes
DTS Codec		Yes	Yes	Yes
Sound Output (RMS)		20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)
Speaker Type		2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)
Wallmount Sound Mode		Yes	Yes	Yes
TV SoundConnect		Yes	Yes	Yes
BT Headset Support		Yes	Yes	Yes
<b>SMART TV</b>	Smart TV Type	Smart	Smart	Smart
	Apps Panel	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes
<b>VESA Standard</b>	VESA Mount (mm)	200x200	200x200	400x400
	VESA Screw Size	M8	M8	M8
<b>Smart Interaction</b>	Voice Control	Yes	Yes	Yes
<b>Convergence</b>	TV to Mobile - Mirroring	N/A	N/A	N/A
	Mobile to TV - Mirroring, DLNA	Yes	Yes	Yes
	Samsung SMART View	Yes	Yes	Yes
<b>Differentiation</b>	Sports Mode	Yes	Yes	Yes
	All Care Protection	N/A	N/A	N/A
<b>Feature</b>	Samsung 3D	N/A	N/A	N/A
	Processor	Quad Core	Quad Core	Quad Core
	Accessibility	Enlarge/ High contrast	Enlarge/ High contrast	Enlarge/ High contrast
	Digital Clean View	Yes	Yes	Yes
	Auto Channel Search	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes
	BD Wise Plus	N/A	N/A	N/A
	Caption (Subtitle)	Yes	Yes	Yes
	ConnectShare™ (HDD)	Yes	Yes	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes
	EPG	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes
	OSD Language	27 European Languages	27 European Languages	27 European Languages
	Picture-In-Picture	Yes	Yes	Yes
	BT HID Support	Yes	Yes	Yes
	USB HID Support	Yes	Yes	Yes
	Teletext (TTX)	Yes	Yes	Yes

	40EE690 HG40EE690DB	49EE690 HG49EE690DB	55EE690 HG55EE690DB
Samsung LYNK™ SINC Compatibility	Yes	Yes	Yes
Samsung LYNK™ HMS Compatibility	Yes	Yes	Yes
H.Browser	Yes	Yes	Yes
Samsung LYNK™ REACH (IP)	REACH4.0	REACH4.0	REACH4.0
Samsung LYNK™ REACH (RF)	REACH4.0	REACH4.0	REACH4.0
Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes	Yes
Hospitality Home Menu	Home Menu 2015	Home Menu 2015	Home Menu 2015
Bluetooth Music Player (Mobile → TV)	Yes	Yes	Yes
Hospitality Plug&Play(Easy Setup)	Yes	Yes	Yes
Auto Source Mode	Yes	Yes	Yes
Power On Mode	Yes	Yes	Yes
Hotel Channel List	Yes	Yes	Yes
Channel Menu Display	Yes	Yes	Yes
Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes	Yes
My Channel	Yes	Yes	Yes
Energy Saving Mode (BLU control)	Yes	Yes	Yes
Logo Display with Timer Out Setting (BMP/Movie)	Yes	Yes	Yes
Welcome Message	Yes	Yes	Yes
RJ12/IR pass through	Yes	Yes	Yes
External Clock Compatibility	Yes	Yes	Yes
Clock Back Up Supply	Yes	Yes	Yes
External Clock Dimming Control	Yes	Yes	Yes
Software Clock	Yes	Yes	Yes
Multi Code Remote control	Yes	Yes	Yes
Screwed Battery Cover	Yes	Yes	Yes
Sound Bar Compatibility	Yes	Yes	Yes
Music Mode (Input: PC/AV/Component/HDMI)	Yes	Yes	Yes
Music Mode Backlight on/off	Yes	Yes	Yes
TTX Clock Update (Analogue)	Yes	Yes	Yes
USB Cloning	Yes	Yes	Yes
Smovie Compatibility	Yes	Yes	Yes
Soft AP	Yes	Yes	Yes
On/Off Timer (Schedule)	Yes	Yes	Yes
Wake-up Timer (Alarm)	Yes	Yes	Yes
Samsung LYNK™ DRM	Yes	Yes	Yes
Pro:Idiom	N/A	N/A	N/A
bLAN	N/A	N/A	N/A
Security Mode	Yes	Yes	Yes
S/W EPG (Solution EPG)	Yes	Yes	Yes
Wake on LAN (WOL)	Yes	Yes	Yes
IPOver Coax	N/A	N/A	N/A

Hospitality  
Feature

	40EE690 HG40EE690DB	49EE690 HG49EE690DB	55EE690 HG55EE690DB	
<b>System</b>	Digital Broadcasting	DVB-T2/C/S2	DVB-T2/C/S2	DVB-T2/C/S2
	Analog Tuner	Yes	Yes	Yes
	CI (Common Interface)	CI+(1.3)	CI+(1.3)	CI+(1.3)
	Data Broadcasting	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK)	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK)	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK)
<b>Input &amp; Output</b>	HDMI	2/1	2/1	2/1
	USB	2/0	2/0	2/0
	Component In (Y/Pb/Pr)	0/1	0/1	0/1
	Composite In (AV)	0/1 (Common Use for Component Y)	0/1 (Common Use for Component Y)	0/1 (Common Use for Component Y)
	Ethernet (LAN)	1/0	1/0	1/0
	Headphone	0/1	0/1	0/1
	Audio Out (Mini Jack / LR)	N/A	N/A	N/A
	Digital Audio Out (Optical)	1/0	1/0	1/0
	RF In(Terrestrial / Cable input / Satellite Input)	1/0	1/0	1/0
	Ex-Link ( RS-232C )	N/A	N/A	N/A
	CI Slot	0/1	0/1	0/1
	Scart	N/A	N/A	N/A
	HDMI A / Return Ch.Support	Yes	Yes	Yes
	Wireless LAN Built-in	Yes	Yes	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes
	Pillow Speaker Jack	N/A	N/A	N/A
	Variable Audio Out	1/0	1/0	1/0
	Variable Audio Out Volume Control	1/0	1/0	1/0
	Video Out	N/A	N/A	N/A
	RJ12	0/1	0/1	0/1
	RJP(For Remote Jackpack)	1/0	1/0	1/0
	Headphone ID	0/1	0/1	0/1
	Door-Eye Control	N/A	N/A	N/A
	Door-Eye Video In	N/A	N/A	N/A
	PC In (D-sub)	0/1	0/1	0/1
	PC/DVI Audio In (Mini Jack)	0/1	0/1	0/1
	Ethernet Bridge (LAN-Out)	0/1	0/1	0/1

		40EE690 HG40EE690DB	49EE690 HG49EE690DB	55EE690 HG55EE690DB
<b>Design</b>	Front Color	Dark Titan	Dark Titan	Dark Titan
	Stand Type	Square	Square	Square
	Swivel (Left/Right)	90/90	90/90	90/90
<b>Dimension</b>	Set Size without Stand - Wall Mount Side (WxHxD)(mm)	917.6 x 539.2 x 40.2	1105.8 x 645.0 x 39.8	1241.6 x 721.4 x 40.0
	Set Size without Stand - Speaker Side (WxHxD)(mm)	917.6 x 539.2 x 54.2	1105.8 x 645.0 x 54.6	1241.6 x 721.4 x 54.5
	Set Size with Stand (WxHxD)(mm)	917.6 x 591.1 x 226.5	1105.8 x 697.0 x 226.5	1241.6 x 773.3 x 226.5
	Package Size (WxHxD)(mm)	1105 x 636 x 116	1290 x 746 x 130	1424 x 812 x 140
<b>Weight</b>	Set Weight without Stand (kg)	8.5	13.1	16
	Set Weight with Stand (kg)	11.4	16	18.9
	Package Weight (kg)	13.2	19.9	24.1
<b>Accessory</b>	Remote Controller Model	TM1240A	TM1240A	TM1240A
	Batteries (for Remote Control)	Yes	Yes	Yes
	Samsung Smart Control (Included)	N/A	N/A	N/A
	Ultra Slim Wall Mount Support	N/A	N/A	N/A
	Mini Wall Mount Support	N/A	N/A	N/A
	VESA Wall Mount Support	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes
	Data Cable	Yes	Yes	Yes
	Stand Mount Kit	Yes	Yes	Yes
	Security Screws	N/A	N/A	N/A
Angle Adaptor (for Side RF tuner)	N/A	N/A	N/A	



# Samsung Hospitality Display with Manageability - HE694

Deliver Premium Interactive Guest Services through Samsung HE694 Hospitality Displays

- Stylish design that includes a swivel stand for customized, comfortable guest enjoyment
- Simplified management of hundreds of in-room displays through the LYNK REACH 4.0 solution's centralized server
- Access to a wider range of available channels for improved guest interactivity
- Deliver in-room content with heightened security through integrated LYNK DRM functionality

Basic Feature		Hospitality Solution			Convenience Feature		Security		Clock Option	
Screen Size	Resolution	Home Menu	LYNK™ REACH 4.0	LYNK™ HMS	IPOverCoax	Ethernet Bridge	LYNK™ DRM	Security Mode	External Clock Compatibility	Software Clock

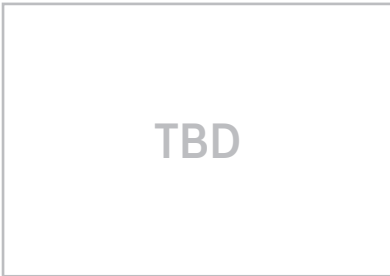
32",40",49"	1,920x1,080	•	•	•	•	•	•	•	•	•
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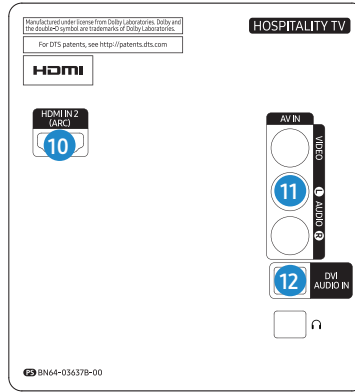
# Specifications

32", 40", 49"

Connectors



- HG32EE694DK
- HG40EE694DK
- HG49EE694DK



1. VARIABLE AUDIO OUT
2. VOL-CTRL
3. USB(5V 5.0A)
4. USB(HDD 1.0A)/CLONING
5. DIGITAL AUDIO OUT (OPTICAL)
6. HDMI IN1 (DVI)
7. LAN OUT
8. DATA
9. ANT IN
10. HDMI IN2 (ARC)
11. AV IN
12. DVI AUDIO IN

		32EE694 HG32EE694DK	40EE694 HG40EE694DK	49EE694 HG49EE694DK
<b>Display</b>	Backlight	LED	LED	LED
	Inch	32	40	49
	Resolution	1920 x1080	1920 x1080	1920 x1080
<b>Video</b>	Picture Engine	HyperReal	HyperReal	HyperReal
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast	Mega Contrast
	Micro Dimming	N/A	N/A	N/A
	Active Crystal Color	N/A	N/A	N/A
	Wide Color Enhancer (Plus)	Yes	Yes	Yes
	Auto Motion Plus	N/A	N/A	N/A
	Film Mode	Yes	Yes	Yes
	<b>Audio</b>	Dolby Digital Plus	Yes	Yes
Virtual Surround		Yes	Yes	Yes
DTS Codec		Yes	Yes	Yes
Sound Output (RMS)		20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)
Speaker Type		2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)
Wallmount Sound Mode		Yes	Yes	Yes
TV SoundConnect		Yes	Yes	Yes
BT Headset Support		Yes	Yes	Yes
<b>SMART TV</b>	Smart TV Type	Smart	Smart	Smart
	Apps Panel	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes
<b>VESA Standard</b>	VESA Mount (mm)	100x100	200x200	200x200
	VESA Screw Size	M4	M8	M8
<b>Smart Interaction</b>	Voice Control	Yes	Yes	Yes
<b>Convergence</b>	TV to Mobile - Mirroring	N/A	N/A	N/A
	Mobile to TV - Mirroring, DLNA	Yes	Yes	Yes
	Samsung SMART View	Yes	Yes	Yes
<b>Differentiation</b>	Sports Mode	Yes	Yes	Yes
	All Care Protection	N/A	N/A	N/A
<b>Feature</b>	Samsung 3D	N/A	N/A	N/A
	Processor	Quad Core	Quad Core	Quad Core
	Accessibility	Enlarge/ High contrast	Enlarge/ High contrast	Enlarge/ High contrast
	Digital Clean View	Yes	Yes	Yes
	Auto Channel Search	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes
	BD Wise Plus	N/A	N/A	N/A
	Caption (Subtitle)	Yes	Yes	Yes
	ConnectShare™ (HDD)	Yes	Yes	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes
	EPG	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes
	OSD Language	27 European Languages	27 European Languages	27 European Languages
	Picture-In-Picture	Yes	Yes	Yes
	BT HID Support	Yes	Yes	Yes
	USB HID Support	Yes	Yes	Yes
	Teletext (TTX)	Yes	Yes	Yes

	32EE694 HG32EE694DK	40EE694 HG40EE694DK	49EE694 HG49EE694DK
Samsung LYNK™ SINC Compatibility	Yes	Yes	Yes
Samsung LYNK™ HMS Compatibility	Yes	Yes	Yes
H.Browser	Yes	Yes	Yes
Samsung LYNK™ REACH (IP)	REACH4.0	REACH4.0	REACH4.0
Samsung LYNK™ REACH (RF)	REACH4.0	REACH4.0	REACH4.0
Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes	Yes
Hospitality Home Menu	Home Menu 2015	Home Menu 2015	Home Menu 2015
Bluetooth Music Player (Mobile → TV)	Yes	Yes	Yes
Hospitality Plug&Play(Easy Setup)	Yes	Yes	Yes
Auto Source Mode	Yes	Yes	Yes
Power On Mode	Yes	Yes	Yes
Hotel Channel List	Yes	Yes	Yes
Channel Menu Display	Yes	Yes	Yes
Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes	Yes
My Channel	Yes	Yes	Yes
Energy Saving Mode (BLU control)	Yes	Yes	Yes
Logo Display with Timer Out Setting (BMP/Movie)	Yes	Yes	Yes
Welcome Message	Yes	Yes	Yes
RJ12/IR pass through	N/A	N/A	N/A
External Clock Compatibility	N/A	N/A	N/A
Clock Back Up Supply	Yes	Yes	Yes
External Clock Dimming Control	N/A	N/A	N/A
Software Clock	Yes	Yes	Yes
Multi Code Remote control	Yes	Yes	Yes
Screwed Battery Cover	Yes	Yes	Yes
Sound Bar Compatibility	Yes	Yes	Yes
Music Mode (Input: PC/AV/Component/HDMI)	Yes	Yes	Yes
Music Mode Backlight on/off	Yes	Yes	Yes
TTX Clock Update (Analogue)	Yes	Yes	Yes
USB Cloning	Yes	Yes	Yes
Smovie Compatibility	Yes	Yes	Yes
Soft AP	Yes	Yes	Yes
On/Off Timer (Schedule)	Yes	Yes	Yes
Wake-up Timer (Alarm)	Yes	Yes	Yes
Samsung LYNK™ DRM	Yes	Yes	Yes
Pro:Idiom	N/A	N/A	N/A
bLAN	N/A	N/A	N/A
Security Mode	Yes	Yes	Yes
S/W EPG (Solution EPG)	Yes	Yes	Yes
Wake on LAN (WOL)	Yes	Yes	Yes
IPOver Coax	Yes (Euro DOCSIS 3.0)	Yes (Euro DOCSIS 3.0)	Yes (Euro DOCSIS 3.0)

Hospitality  
Feature

	32EE694 HG32EE694DK	40EE694 HG40EE694DK	49EE694 HG49EE694DK	
<b>System</b>	Digital Broadcasting	DVB-T2/C	DVB-T2/C	
	Analog Tuner	Yes	Yes	
	CI (Common Interface)	CI+(1.3)	CI+(1.3)	
	Data Broadcasting	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK)	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK)	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK)
<b>Input &amp; Output</b>	HDMI	1/1	1/1	1/1
	USB	2/0	2/0	2/0
	Component In (Y/Pb/Pr)	N/A	N/A	N/A
	Composite In (AV)	0/1	0/1	0/1
	Ethernet (LAN)	N/A	N/A	N/A
	Headphone	0/1	0/1	0/1
	Audio Out (Mini Jack / LR)	N/A	N/A	N/A
	Digital Audio Out (Optical)	1/0	1/0	1/0
	RF In(Terrestrial / Cable input / Satellite Input)	1/0	1/0	1/0
	Ex-Link ( RS-232C )	N/A	N/A	N/A
	CI Slot	0/1	0/1	0/1
	Scart	N/A	N/A	N/A
	HDMI A / Return Ch.Support	Yes	Yes	Yes
	Wireless LAN Built-in	Yes	Yes	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes
	Pillow Speaker Jack	N/A	N/A	N/A
	Variable Audio Out	1/0	1/0	1/0
	Variable Audio Out Volume Control	1/0	1/0	1/0
	Video Out	N/A	N/A	N/A
	RJ12	N/A	N/A	N/A
	RJP(For Remote Jackpack)	1/0	1/0	1/0
	Headphone ID	N/A	N/A	N/A
	Door-Eye Control	N/A	N/A	N/A
	Door-Eye Video In	N/A	N/A	N/A
	PC In (D-sub)	N/A	N/A	N/A
	PC/DVI Audio In (Mini Jack)	0/1	0/1	0/1
	Ethernet Bridge (LAN-Out)	1/0	1/0	1/0

		32EE694 HG32EE694DK	40EE694 HG40EE694DK	49EE694 HG49EE694DK
<b>Design</b>	Front Color	Dark Titan	Dark Titan	Dark Titan
	Stand Type	Square	Square	Square
	Swivel (Left/Right)	90/90	90/90	90/90
<b>Dimension</b>	Set Size without Stand - Wall Mount Side (WxHxD)(mm)	730.4 x 433.8 x 40.3	917.6 x 539.2 x 40.2	1105.8 x 645.0 x 39.8
	Set Size without Stand - Speaker Side (WxHxD)(mm)	730.4 x 433.8 x 54.6	917.6 x 539.2 x 54.2	1105.8 x 645.0 x 54.6
	Set Size with Stand (WxHxD)(mm)	730.4 x 482.8 x 192.6	917.6 x 591.1 x 226.5	1105.8 x 697.0 x 226.5
	Package Size (WxHxD)(mm)	913 x 534 x 113	1105 x 636 x 116	1290 x 746 x 130
<b>Weight</b>	Set Weight without Stand (kg)	5.5	8.5	13.1
	Set Weight with Stand (kg)	7.1	11.4	16
	Package Weight (kg)	8.8	13.2	19.9
<b>Accessory</b>	Remote Controller Model	TM1240A	TM1240A	TM1240A
	Batteries (for Remote Control)	Yes	Yes	Yes
	Samsung Smart Control (Included)	N/A	N/A	N/A
	Ultra Slim Wall Mount Support	N/A	N/A	N/A
	Mini Wall Mount Support	N/A	N/A	N/A
	VESA Wall Mount Support	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes
	Data Cable	N/A	N/A	N/A
	Stand Mount Kit	Yes	Yes	Yes
	Security Screws	N/A	N/A	N/A
Angle Adaptor (for Side RF tuner)	N/A	N/A	N/A	

## Samsung HE89U Series Hospitality Displays



# Samsung Hospitality Display with Manageability - HE89U

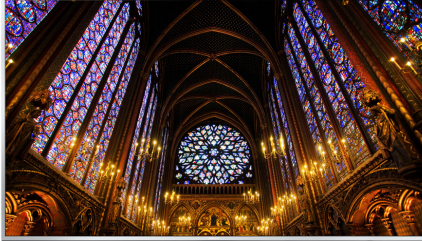
Unleash all the possibilities that hospitality display can offer including Ultra High Resolution and advanced technologies with sophisticated Real Metal Bezel design

- The High-end flagship displays with sophisticated design and guest-centric capabilities ideal for luxury hotels
- Provide a More Memorable, Upscale Guest Experience through UHD Resolution
- Slim, stylish and exclusive real metal bezel design adds ambience to the hotel room while maintaining guests' focus on on-screen content
- Simplified management of hundreds of in-room displays through the LYNK REACH 4.0 solution's centralized server
- Deliver in-room content with heightened security through integrated LYNK DRM functionality
- Display and enjoy content from compatible personal devices through wireless content sharing

Basic Feature		Hospitality Solution			Convenience Feature		Security		Content Sharing		
Screen Size	Resolution	Home Menu	LYNK™ REACH 4.0	LYNK™ HMS	Multi-code remote control	Improve Plug and Play	LYNK™ DRM	Security Mode	Bluetooth Music Player	SmartView	Screen Mirroring
40",49",55",65"	3,840 x 2,160	•	•	•	•	•	•	•	•	•	•

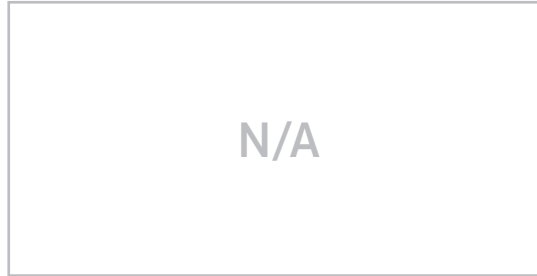
## Specifications

40"



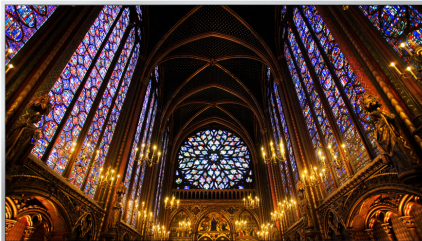
- HG40EE890UB

### Connectors



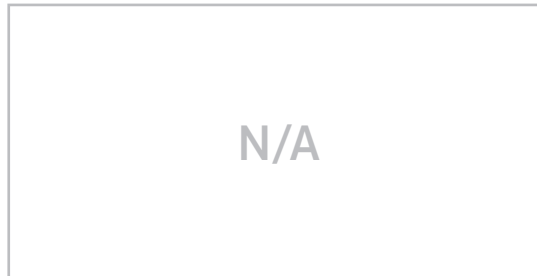
1. USB(5V 0.5A)
2. USB (HDD1.0A) / CLONING
3. DIGITAL AUDIO OUT(OPTICAL)
4. HDMI IN1 (ARC)
5. HDMI IN2
6. DATA
7. LAN
8. COMPONENT IN / AV IN
9. ANT IN

49", 55", 65"



- HG49EE890UB
- HG55EE890UB
- HG65EE890UB

### Connectors



1. USB(5V 0.5A)
2. USB (HDD1.0A) / CLONING
3. DIGITAL AUDIO OUT(OPTICAL)
4. HDMI IN1 (ARC)
5. HDMI IN2
6. DATA
7. LAN
8. COMPONENT IN / AV IN
9. ANT IN

HE89U

		40EE890U HG40EE890UB	49EE890U HG49EE890UB	55EE890U HG55EE890UB	65EE890U HG65EE890UB
Display	Backlight	LED	LED	LED	LED
	Inch	40	49	55	65
	Resolution	3,840 × 2,160	3,840 × 2,160	3,840 × 2,160	3,840 × 2,160
Video	Picture Engine	UHD Up-Scaling	UHD Up-Scaling	UHD Up-Scaling	UHD Up-Scaling
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast
	Micro Dimming	UHD Dimming	UHD Dimming	UHD Dimming	UHD Dimming
	Active Crystal Color	Yes	Yes	Yes	Yes
	Wide Color Enhancer (Plus)	N/A	N/A	N/A	N/A
	Auto Motion Plus	Yes	Yes	Yes	Yes
	Film Mode	Yes	Yes	Yes	Yes
	Dolby Digital Plus	Yes	Yes	Yes	Yes
Audio	Virtual Surround	N/A	N/A	N/A	N/A
	DTS Codec	Yes	Yes	Yes	Yes
	Sound Output (RMS)	20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)
	Speaker Type	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)
	Wallmount Sound Mode	Yes	Yes	Yes	Yes
	TV SoundConnect	Yes	Yes	Yes	Yes
	BT Headset Support	Yes	Yes	Yes	Yes
	Smart TV Type	Smart	Smart	Smart	Smart
SMART TV	Apps Panel	Yes	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes	Yes
	VESA Mount (mm)	200x200	400x400	400x400	400x400
VESA Standard	VESA Screw Size	M8	M8	M8	M8
	Smart Interaction	Voice Control	Yes	Yes	Yes
Convergence	TV to Mobile - Mirroring	N/A	N/A	N/A	N/A
	Mobile to TV - Mirroring, DLNA	Yes	Yes	Yes	Yes
	Samsung SMART View	Yes	Yes	Yes	Yes
Differentiation	Sports Mode	Yes	Yes	Yes	Yes
	All Care Protection	N/A	N/A	N/A	N/A
Feature	Samsung 3D	N/A	N/A	N/A	N/A
	Processor	Quad Core	Quad Core	Quad Core	Quad Core
	Accessibility	Accessibility (Voice guide/ Enlarge/ High contrast)	Accessibility (Voice guide/ Enlarge/ High contrast)	Accessibility (Voice guide/ Enlarge/ High contrast)	Accessibility (Voice guide/ Enlarge/ High contrast)
	Digital Clean View	Yes	Yes	Yes	Yes
	Auto Channel Search	Yes	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes	Yes
	BD Wise Plus	Yes	Yes	Yes	Yes
	Caption (Subtitle)	Yes	Yes	Yes	Yes
	ConnectShare™ (HDD)	Yes	Yes	Yes	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes	Yes
	EPG	Yes	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes	Yes
	OSD Language	27 European Languages	27 European Languages	27 European Languages	27 European Languages
	Picture-In-Picture	Yes	Yes	Yes	Yes
	BT HID Support	Yes	Yes	Yes	Yes
	USB HID Support	Yes	Yes	Yes	Yes
	Teletext (TTX)	Yes	Yes	Yes	Yes



		HE89U			
		40EE890U HG40EE890UB	49EE890U HG49EE890UB	55EE890U HG55EE890UB	65EE890U HG65EE890UB
Hospitality Feature	Samsung LYNK™ SINC Compatibility	Yes	Yes	Yes	Yes
	Samsung LYNK™ HMS Compatibility	Yes	Yes	Yes	Yes
	H.Browser	Yes	Yes	Yes	Yes
	Samsung LYNK™ REACH (IP)	REACH 4.0	REACH 4.0	REACH 4.0	REACH 4.0
	Samsung LYNK™ REACH (RF)	REACH 4.0	REACH 4.0	REACH 4.0	REACH 4.0
	Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes	Yes	Yes
	Hospitality Home Menu	Home Menu 2015	Home Menu 2015	Home Menu 2015	Home Menu 2015
	Bluetooth Music Player (Mobile → TV)	Yes	Yes	Yes	Yes
	Hospitality Plug&Play(Easy Setup)	Yes	Yes	Yes	Yes
	Auto Source Mode	Yes	Yes	Yes	Yes
	Power On Mode	Yes	Yes	Yes	Yes
	Hotel Channel List	Yes	Yes	Yes	Yes
	Channel Menu Display	Yes	Yes	Yes	Yes
	Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes	Yes	Yes
	My Channel	Yes	Yes	Yes	Yes
	Energy Saving Mode (BLU control)	Yes	Yes	Yes	Yes
	Logo Display with Timer Out Setting (BMP/Movie)	Yes	Yes	Yes	Yes
	Welcome Message	Yes	Yes	Yes	Yes
	RJ12/IR pass through	Yes	Yes	Yes	Yes
	External Clock Compatibility	N/A	N/A	N/A	N/A
	Clock Back Up Supply	Yes	Yes	Yes	Yes
	External Clock Dimming Control	N/A	N/A	N/A	N/A
	Software Clock	Yes	Yes	Yes	Yes
	Multi Code Remote control	Yes	Yes	Yes	Yes
	Screwed Battery Cover	Yes	Yes	Yes	Yes
	Sound Bar Compatibility	Yes	Yes	Yes	Yes
	Music Mode (Input: PC/AV/Component/HDMI)	Yes	Yes	Yes	Yes
	Music Mode Backlight on/off	Yes	Yes	Yes	Yes
	TTX Clock Update (Analogue)	Yes	Yes	Yes	Yes
	USB Cloning	Yes	Yes	Yes	Yes
	Smovie Compatibility	Yes	Yes	Yes	Yes
	Soft AP	Yes	Yes	Yes	Yes
	On/Off Timer (Schedule)	Yes	Yes	Yes	Yes
	Wake-up Timer (Alarm)	Yes	Yes	Yes	Yes
Samsung LYNK™ DRM	Yes	Yes	Yes	Yes	
Pro:Idiom	N/A	N/A	N/A	N/A	
bLAN	N/A	N/A	N/A	N/A	
Security Mode	Yes	Yes	Yes	Yes	
S/W EPG (Solution EPG)	Yes	Yes	Yes	Yes	
Wake on LAN (WOL)	Yes	Yes	Yes	Yes	
IPOver Coax	N/A	N/A	N/A	N/A	

HE89U

	40EE890U HG40EE890UB	49EE890U HG49EE890UB	55EE890U HG55EE890UB	65EE890U HG65EE890UB	
<b>System</b>	Digital Broadcasting	DVB-T2/C/S2	DVB-T2/C/S2	DVB-T2/C/S2	
	Analog Tuner	Yes	Yes	Yes	
	CI (Common Interface)	CI+(1.3)	CI+(1.3)	CI+(1.3)	
	Data Broadcasting	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP
		HDMI	2/0	2/0	2/0
<b>Input &amp; Output</b>	USB	2/0	2/0	2/0	
	Component In (Y/Pb/Pr)	1/0	1/0	1/0	
	Composite In (AV)	1/0 (Common Use for Component Y)	1/0 (Common Use for Component Y)	1/0 (Common Use for Component Y)	1/0 (Common Use for Component Y)
	Ethernet (LAN)	1/0	1/0	1/0	1/0
	Headphone	N/A	N/A	N/A	N/A
	Audio Out (Mini Jack / LR)	N/A	N/A	N/A	N/A
	Digital Audio Out (Optical)	1/0	1/0	1/0	1/0
	RF In(Terrestrial / Cable input / Satellite Input)	2/0	2/0	2/0	2/0
	Ex-Link ( RS-232C )	N/A	N/A	N/A	N/A
	CI Slot	0/1	0/1	0/1	0/1
	Scart	N/A	N/A	N/A	N/A
	HDMI A / Return Ch.Support	Yes	Yes	Yes	Yes
	Wireless LAN Built-in	Yes	Yes	Yes	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes	Yes
	Pillow Speaker Jack	N/A	N/A	N/A	N/A
	Variable Audio Out	N/A	N/A	N/A	N/A
	Variable Audio Out Volume Control	N/A	N/A	N/A	N/A
	Video Out	N/A	N/A	N/A	N/A
	RJ12	1/0	1/0	1/0	1/0
	RJP(For Remote Jackpack)	N/A	N/A	N/A	N/A
	Headphone ID	N/A	N/A	N/A	N/A
	Door-Eye Control	N/A	N/A	N/A	N/A
	Door-Eye Video In	N/A	N/A	N/A	N/A
	PC In (D-sub)	N/A	N/A	N/A	N/A
	PC/DVI Audio In (Mini Jack)	N/A	N/A	N/A	N/A
	Ethernet Bridge (LAN-Out)	N/A	N/A	N/A	N/A

		HE89U			
		40EE890U HG40EE890UB	49EE890U HG49EE890UB	55EE890U HG55EE890UB	65EE890U HG65EE890UB
<b>Design</b>	Front Color	Silver	Silver	Silver	Silver
	Stand Type	Y-Shape	Y-Shape	Y-Shape	Y-Shape
	Swivel (Left/Right)	N/A	N/A	N/A	N/A
<b>Dimension</b>	Set Size without Stand - Wall Mount Side (WxHxD)(mm)	TBD	TBD	TBD	TBD
	Set Size without Stand - Speaker Side (WxHxD)(mm)	903.7 x 519.8 x 54.1	1099.4 x 638.7 x 55.3	1235.2 x 715.1 x 54.7	1456.1 x 840.4 x 54.4
	Set Size with Stand (WxHxD)(mm)	903.7 x 575.2 x 304.0	1099.4 x 709.0 x 334.1	1235.2 x 786.7 x 334.1	1456.1 x 924.3 x 378.7
	Package Size (WxHxD)(mm)	1033 x 609 x 165	1275 x 733 x 163	1425 x 819 x 163	1625 x 947 x 185
<b>Weight</b>	Set Weight without Stand (kg)	9.2	14	16.9	23.2
	Set Weight with Stand (kg)	10.5	16.1	19.1	26.7
	Package Weight (kg)	12.5	21.4	25.4	34.6
<b>Accessory</b>	Remote Controller Model	TM1480A+TM1240A	TM1480A+TM1240A	TM1480A+TM1240A	TM1480A+TM1240A
	Batteries (for Remote Control)	Yes	Yes	Yes	Yes
	Samsung Smart Control (Included)	Yes	Yes	Yes	Yes
	Ultra Slim Wall Mount Support	N/A	N/A	N/A	N/A
	Mini Wall Mount Support	Yes	Yes	Yes	Yes
	VESA Wall Mount Support	Yes	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes	Yes
	Data Cable	Yes	Yes	Yes	Yes
	Stand Mount Kit	N/A	N/A	N/A	N/A
	Security Screws	N/A	N/A	N/A	N/A
Angle Adaptor (for Side RF tuner)	N/A	N/A	N/A	N/A	

## Samsung HE89W Series Hospitality Displays



# Samsung Hospitality Display with Manageability - HE89W

Unleash all the possibilities that hospitality display can offer including Ultra High Resolution and advanced technologies with sophisticated Real Metal Bezel design

- The High-end flagship displays with sophisticated design and guest-centric capabilities ideal for luxury hotels
- Provide a More Memorable, Upscale Guest Experience through UHD Resolution
- Slim, stylish and exclusive real metal bezel design adds ambience to the hotel room while maintaining guests' focus on on-screen content
- Simplified management of hundreds of in-room displays through the LYNK REACH 4.0 solution's centralized server
- Deliver in-room content with heightened security through integrated LYNK DRM functionality
- Display and enjoy content from compatible personal devices through wireless content sharing

Basic Feature		Hospitality Solution			Convenience Feature		Security		Content Sharing		
Screen Size	Resolution	Home Menu	LYNK™ REACH 4.0	LYNK™ HMS	Multi-code remote control	Improve Plug and Play	LYNK™ DRM	Security Mode	Bluetooth Music Player	Smart View	Screen Mirroring
55", 65"	3,840 x 2,160	•	•	•	•	•	•	•	•	•	•

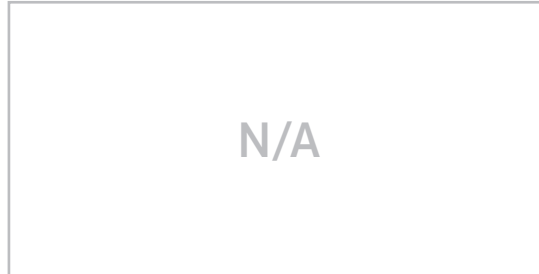
# Specifications

55", 65"

## Connectors



- HG55EE890WB
- HG65EE890WB



1. USB(5V 0.5A)
2. USB (HDD 1.0A) CLONING
3. DIGITAL AUDIO OUT(OPTICAL)
4. HDMI IN1 (ARC)
5. HDMI IN2
6. DATA
7. LAN
8. COMPONENT IN / AV IN
9. ANT IN

		55EE890W HG55EE890WB	65EE890W HG65EE890WB
Display	Backlight	LED	LED
	Inch	55	65
	Resolution	3,840 × 2,160	3,840 × 2,160
Video	Picture Engine	UHD Up-Scaling	UHD Up-Scaling
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast
	Micro Dimming	UHD Dimming	UHD Dimming
	Active Crystal Color	Yes	Yes
	Wide Color Enhancer (Plus)	N/A	N/A
	Auto Motion Plus	Yes	Yes
	Film Mode	Yes	Yes
Audio	Dolby Digital Plus	Yes	Yes
	Virtual Surround	N/A	N/A
	DTS Codec	Yes	Yes
	Sound Output (RMS)	20W(L:10W, R:10W)	20W(L:10W, R:10W)
	Speaker Type	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)
	Wallmount Sound Mode	Yes	Yes
	TV SoundConnect	Yes	Yes
	BT Headset Support	Yes	Yes
SMART TV	Smart TV Type	Smart	Smart
	Apps Panel	Yes	Yes
	Web Browser	Yes	Yes
VESA Standard	VESA Mount (mm)	400x400	400x400
	VESA Screw Size	M8	M8
Smart Interaction	Voice Control	Yes	Yes
Convergence	TV to Mobile - Mirroring	N/A	N/A
	Mobile to TV - Mirroring, DLNA	Yes	Yes
	Samsung SMART View	Yes	Yes
Differentiation	Sports Mode	Yes	Yes
	All Care Protection	N/A	N/A
Feature	Samsung 3D	N/A	N/A
	Processor	Quad Core	Quad Core
	Accessibility	Accessibility (Voice guide/ Enlarge/ High contrast)	Accessibility (Voice guide/ Enlarge/ High contrast)
	Digital Clean View	Yes	Yes
	Auto Channel Search	Yes	Yes
	Auto Power Off	Yes	Yes
	BD Wise Plus	Yes	Yes
	Caption (Subtitle)	Yes	Yes
	ConnectShare™ (HDD)	Yes	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes
	EPG	Yes	Yes
	Game Mode	Yes	Yes
	OSD Language	27 European Languages	27 European Languages
	Picture-In-Picture	Yes	Yes
	BT HID Support	Yes	Yes
	USB HID Support	Yes	Yes
	Teletext (TTX)	Yes	Yes

		HE89W	
		55EE890W HG55EE890WB	65EE890W HG65EE890WB
Hospitality Feature	Samsung LYNK™ SINC Compatibility	Yes	Yes
	Samsung LYNK™ HMS Compatibility	Yes	Yes
	H.Browser	Yes	Yes
	Samsung LYNK™ REACH (IP)	REACH 4.0	REACH 4.0
	Samsung LYNK™ REACH (RF)	REACH 4.0	REACH 4.0
	Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes
	Hospitality Home Menu	Home Menu 2015	Home Menu 2015
	Bluetooth Music Player (Mobile → TV)	Yes	Yes
	Hospitality Plug&Play(Easy Setup)	Yes	Yes
	Auto Source Mode	Yes	Yes
	Power On Mode	Yes	Yes
	Hotel Channel List	Yes	Yes
	Channel Menu Display	Yes	Yes
	Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes
	My Channel	Yes	Yes
	Energy Saving Mode (BLU control)	Yes	Yes
	Logo Display with Timer Out Setting (BMP/Movie)	Yes	Yes
	Welcome Message	Yes	Yes
	RJ12/IR pass through	Yes	Yes
	External Clock Compatibility	N/A	N/A
	Clock Back Up Supply	Yes	Yes
	External Clock Dimming Control	N/A	N/A
	Software Clock	Yes	Yes
	Multi Code Remote control	Yes	Yes
	Screwed Battery Cover	Yes	Yes
	Sound Bar Compatibility	Yes	Yes
	Music Mode (Input: PC/AV/Component/HDMI)	Yes	Yes
	Music Mode Backlight on/off	Yes	Yes
	TTX Clock Update (Analogue)	Yes	Yes
	USB Cloning	Yes	Yes
	Smovie Compatibility	Yes	Yes
	Soft AP	Yes	Yes
	On/Off Timer (Schedule)	Yes	Yes
	Wake-up Timer (Alarm)	Yes	Yes
Samsung LYNK™ DRM	Yes	Yes	
Pro:Idiom	N/A	N/A	
bLAN	N/A	N/A	
Security Mode	Yes	Yes	
S/W EPG (Solution EPG)	Yes	Yes	
Wake on LAN (WOL)	Yes	Yes	
IPOver Coax	N/A	N/A	

	55EE890W HG55EE890WB	65EE890W HG65EE890WB	
<b>System</b>	Digital Broadcasting	DVB-T2/C/S2	DVB-T2/C/S2
	Analog Tuner	Yes	Yes
	CI (Common Interface)	CI+(1.3)	CI+(1.3)
	Data Broadcasting	HbbTV(CZ,SK,PL,DE,AT,CH,FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV(CZ,SK,PL,DE,AT,CH,FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP
<b>Input &amp; Output</b>	HDMI	2/0	2/0
	USB	2/0	2/0
	Component In (Y/Pb/Pr)	1/0	1/0
	Composite In (AV)	1/0 (Common Use for Component Y)	1/0 (Common Use for Component Y)
	Ethernet (LAN)	1/0	1/0
	Headphone	N/A	N/A
	Audio Out (Mini Jack / LR)	N/A	N/A
	Digital Audio Out (Optical)	1/0	1/0
	RF In(Terrestrial / Cable input / Satellite Input)	2/0	2/0
	Ex-Link ( RS-232C )	N/A	N/A
	CI Slot	0/1	0/1
	Scart	N/A	N/A
	HDMI A / Return Ch.Support	Yes	Yes
	Wireless LAN Built-in	Yes	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes
	Pillow Speaker Jack	N/A	N/A
	Variable Audio Out	N/A	N/A
	Variable Audio Out Volume Control	N/A	N/A
	Video Out	N/A	N/A
	RJ12	1/0	1/0
	RJP(For Remote Jackpack)	N/A	N/A
	Headphone ID	N/A	N/A
	Door-Eye Control	N/A	N/A
	Door-Eye Video In	N/A	N/A
	PC In (D-sub)	N/A	N/A
	PC/DVI Audio In (Mini Jack)	N/A	N/A
	Ethernet Bridge (LAN-Out)	N/A	N/A



		HE89W	
		55EE890W HG55EE890WB	65EE890W HG65EE890WB
<b>Design</b>	Front Color	Silver	Silver
	Stand Type	Y-Shape	Y-Shape
	Swivel (Left/Right)	N/A	N/A
<b>Dimension</b>	Set Size without Stand - Wall Mount Side (WxHxD)(mm)	TBD	TBD
	Set Size without Stand - Speaker Side (WxHxD)(mm)	1232.0*714.5*97.3	1450.8*839.9*114.9
	Set Size with Stand (WxHxD)(mm)	1232.0 * 786.1 * 334.0	1450.8 * 923.4 * 378.7
	Package Size (WxHxD)(mm)	1360 * 819 * 185	1590 * 947 * 205
<b>Weight</b>	Set Weight without Stand (kg)	16.9	23.3
	Set Weight with Stand (kg)	18.9	26.9
	Package Weight (kg)	25.4	35
<b>Accessory</b>	Remote Controller Model	TM1480A+TM1240A	TM1480A+TM1240A
	Batteries (for Remote Control)	Yes	Yes
	Samsung Smart Control (Included)	Yes	Yes
	Ultra Slim Wall Mount Support	N/A	N/A
	Mini Wall Mount Support	Yes	Yes
	VESA Wall Mount Support	Yes	Yes
	Power Cable	Yes	Yes
	Quick Install Guide	Yes	Yes
	Data Cable	Yes	Yes
	Stand Mount Kit	N/A	N/A
	Security Screws	N/A	N/A
Angle Adaptor (for Side RF tuner)	N/A	N/A	



# Samsung SMART Hospitality Display Specification Book

HE470 · HE590 · HE690 · HE694 · HE890U · HE890W

Italy

**SAMSUNG**

Samsung HE470 Series Hospitality Displays



# Samsung Hospitality Display with Manageability - HE470

Enhance Guest Room Ambience with Samsung’s HE470 Hospitality Display

- Slim design to enhance the guest room environment
- REACH 4.0 for remote, centralized and efficient display management
- Home Menu for customizing the guest viewing experience
- System interface compatibility to empower multi-device management with reduced installation required

Basic Feature		Hospitality Solution			Convenience Feature		Security		Clock Option	
Screen Size	Resolution	Home Menu	LYNK™ REACH 4.0	LYNK™ HMS	Multi-code remote control	Improve Plug and Play	LYNK™ DRM	Security Mode	External Clock Compatibility	Software Clock
28", 32", 40", 48"	28",32" : 1,366X768 Others: 1,920x1,080"	● (Except 478 Series)	●		●	●	●	●		●

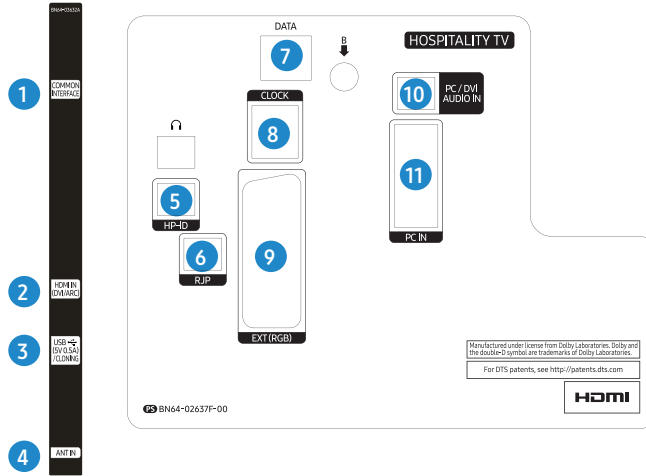
# Specifications

28"

## Connectors



- HG28EE470AK



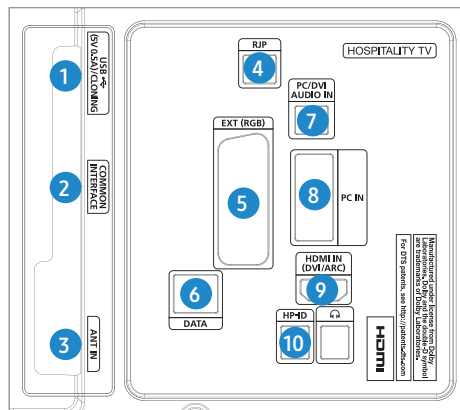
1. COMMON INTERFACE
2. HDMI IN (DVI/ARC)
3. USB(5V 0.5A)/CLONING
4. ANT IN
5. HP-ID
6. RJP
7. DATA
8. CLOCK
9. EXT(RGB)
10. PC/DVI AUDIO IN
11. PC IN

32"

## Connectors



- HG32EE470SK



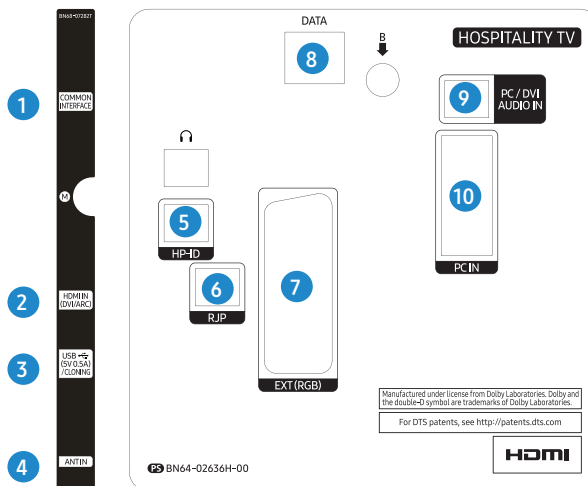
1. USB(5V 0.5A)/CLONING
2. COMMON INTERFACE
3. ANT IN
4. RJP
5. EXT (RGB)
6. DATA
7. PC/DVI AUDIO IN
8. PC IN
9. HDMI IN (DVI/ARC)
10. HP-ID

40", 48"

## Connectors



- HG40EE470SK
- HG48EE470SK



1. COMMON INTERFACE
2. HDMI IN (DVI/ARC)
3. USB(5V 0.5A)/CLONING
4. ANT IN
5. HP-ID
6. RJP
7. EXT (RGB)
8. DATA
9. PC/DVI AUDIO IN
10. PC IN

		28EE470 HG28EE470AK	32EE470 HG32EE470SK	40EE470 HG40EE470SK	48EE470 HG48EE470SK
<b>Display</b>	Backlight	LED	LED	LED	LED
	Inch	28	32	40	48
	Resolution	1,366 x 768	1,366 x 768	1920 x 1080	1920 x 1080
<b>Video</b>	Picture Engine	HyperReal	HyperReal	HyperReal	HyperReal
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast
	Micro Dimming	N/A	N/A	N/A	N/A
	Active Crystal Color	N/A	N/A	N/A	N/A
	Wide Color Enhancer (Plus)	Yes	Yes	Yes	Yes
	Auto Motion Plus	N/A	N/A	N/A	N/A
	Film Mode	Yes	Yes	Yes	Yes
	Dolby Digital Plus	Yes	Yes	Yes	Yes
<b>Audio</b>	Virtual Surround	N/A	N/A	N/A	N/A
	DTS Codec	Yes	Yes	Yes	Yes
	Sound Output (RMS)	10W(L:5W, R:5W)	10W(L:5W, R:5W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)
	Speaker Type	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)
	Wallmount Sound Mode	Yes	Yes	Yes	Yes
	TV SoundConnect	N/A	N/A	N/A	N/A
	BT Headset Support	N/A	N/A	N/A	N/A
	Smart TV Type	Non Smart	Non Smart	Non Smart	Non Smart
<b>SMART TV</b>	Apps Panel	N/A	N/A	N/A	N/A
	Web Browser	N/A	N/A	N/A	N/A
	VESA Mount (mm)	100x100	200x200	200x200	200x200
<b>VESA Standard</b>	VESA Screw Size	M4	M8	M8	M8
	<b>Smart Interaction</b>	Voice Control	N/A	N/A	N/A
<b>Convergence</b>	TV to Mobile - Mirroring	N/A	N/A	N/A	N/A
	Mobile to TV - Mirroring, DLNA	N/A	N/A	N/A	N/A
	Samsung SMART View	N/A	N/A	N/A	N/A
<b>Differentiation</b>	Sports Mode	Yes	Yes	Yes	Yes
	All Care Protection	N/A	N/A	N/A	N/A
<b>Feature</b>	Samsung 3D	N/A	N/A	N/A	N/A
	Processor	N/A	N/A	N/A	N/A
	Accessibility	N/A	N/A	N/A	N/A
	Digital Clean View	Yes	Yes	Yes	Yes
	Auto Channel Search	Yes	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes	Yes
	BD Wise Plus	N/A	N/A	N/A	N/A
	Caption (Subtitle)	Yes	Yes	Yes	Yes
	ConnectShare™ (HDD)	N/A	N/A	N/A	N/A
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes	Yes
	EPG	Yes	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes	Yes
	OSD Language	27 European Languages	27 European Languages	27 European Languages	27 European Languages
	Picture-In-Picture	Yes	Yes	Yes	Yes
	BT HID Support	N/A	N/A	N/A	N/A
	USB HID Support	N/A	N/A	N/A	N/A
	Teletext (TTX)	Yes	Yes	Yes	Yes

	28EE470 HG28EE470AK	32EE470 HG32EE470SK	40EE470 HG40EE470SK	48EE470 HG48EE470SK
Samsung LYNK™ SINC Compatibility	N/A	N/A	N/A	N/A
Samsung LYNK™ HMS Compatibility	N/A	N/A	N/A	N/A
H.Browser	N/A	N/A	N/A	N/A
Samsung LYNK™ REACH (IP)	N/A	N/A	N/A	N/A
Samsung LYNK™ REACH (RF)	REACH 4.0	REACH 4.0	REACH 4.0	REACH 4.0
Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes	Yes	Yes
Hospitality Home Menu	Home Menu 2015	Home Menu 2015	Home Menu 2015	Home Menu 2015
Bluetooth Music Player (Mobile → TV)	N/A	N/A	N/A	N/A
Hospitality Plug&Play(Easy Setup)	Yes	Yes	Yes	Yes
Auto Source Mode	Yes	Yes	Yes	Yes
Power On Mode	Yes	Yes	Yes	Yes
Hotel Channel List	Yes	Yes	Yes	Yes
Channel Menu Display	Yes	Yes	Yes	Yes
Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes	Yes	Yes
My Channel	Yes	Yes	Yes	Yes
Energy Saving Mode (BLU control)	Yes	Yes	Yes	Yes
Logo Display with Timer Out Setting (BMP/ Movie)	Yes	Yes	Yes	Yes
Welcome Message	Yes	Yes	Yes	Yes
RJ12/IR pass through	Yes	Yes	Yes	Yes
External Clock Compatibility	Yes	N/A	N/A	N/A
Clock Back Up Supply	Yes	Yes	Yes	Yes
External Clock Dimming Control	Yes	N/A	N/A	N/A
Software Clock	Yes	Yes	Yes	Yes
Multi Code Remote control	Yes	Yes	Yes	Yes
Screwed Battery Cover	Yes	Yes	Yes	Yes
Sound Bar Compatibility	Yes	Yes	Yes	Yes
Music Mode (Input: PC/AV/Component/ HDMI)	Yes	Yes	Yes	Yes
Music Mode Backlight on/off	Yes	Yes	Yes	Yes
TTX Clock Update (Analogue)	Yes	Yes	Yes	Yes
USB Cloning	Yes	Yes	Yes	Yes
Smovie Compatibility	Yes	Yes	Yes	Yes
Soft AP	N/A	N/A	N/A	N/A
On/Off Timer (Schedule)	Yes	Yes	Yes	Yes
Wake-up Timer (Alarm)	Yes	Yes	Yes	Yes
Samsung LYNK™ DRM	Yes	Yes	Yes	Yes
Pro:Idiom	N/A	N/A	N/A	N/A
bLAN	N/A	N/A	N/A	N/A
Security Mode	Yes	Yes	Yes	Yes
S/W EPG (Solution EPG)	Yes	Yes	Yes	Yes
Wake on LAN (WOL)	N/A	N/A	N/A	N/A
IPOver Coax	N/A	N/A	N/A	N/A

Hospitality  
Feature

		28EE470 HG28EE470AK	32EE470 HG32EE470SK	40EE470 HG40EE470SK	48EE470 HG48EE470SK
<b>System</b>	Digital Broadcasting	DVB-T2/C	DVB-T2/C	DVB-T2/C	DVB-T2/C
	Analog Tuner	Yes	Yes	Yes	Yes
	CI (Common Interface)	CI+(1.3)	CI+(1.3)	CI+(1.3)	CI+(1.3)
	Data Broadcasting	MHP	MHP	MHP	MHP
<b>Input &amp; Output</b>	HDMI	1/0	0/1	1/0	1/0
	USB	1/0	1/0	1/0	1/0
	Component In (Y/Pb/Pr)	N/A	N/A	N/A	N/A
	Composite In (AV)	N/A	N/A	N/A	N/A
	Ethernet (LAN)	N/A	N/A	N/A	N/A
	Headphone	0/1	0/1	0/1	0/1
	Audio Out (Mini Jack / LR)	N/A	N/A	N/A	N/A
	Digital Audio Out (Optical)	N/A	N/A	N/A	N/A
	RF In(Terrestrial / Cable input / Satellite Input)	1/0	1/0	1/0	1/0
	Ex-Link ( RS-232C )	N/A	N/A	N/A	N/A
	CI Slot	1/0	1/0	1/0	1/0
	Scart	0/1	0/1	0/1	0/1
	HDMI A / Return Ch.Support	Yes	Yes	Yes	Yes
	Wireless LAN Built-in	N/A	N/A	N/A	N/A
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes	Yes
	Pillow Speaker Jack	N/A	N/A	N/A	N/A
	Variable Audio Out	N/A	N/A	N/A	N/A
	Variable Audio Out Volume Control	N/A	N/A	N/A	N/A
	Video Out	N/A	N/A	N/A	N/A
	RJ12	0/1	0/1	0/1	0/1
	RJP(For Remote Jackpack)	0/1	0/1	0/1	0/1
	Headphone ID	0/1	0/1	0/1	0/1
	Door-Eye Control	N/A	N/A	N/A	N/A
	Door-Eye Video In	N/A	N/A	N/A	N/A
	PC In (D-sub)	0/1	0/1	0/1	0/1
	PC/DVI Audio In (Mini Jack)	0/1	0/1	0/1	0/1
	Ethernet Bridge (LAN-Out)	N/A	N/A	N/A	N/A

		28EE470 HG28EE470AK	32EE470 HG32EE470SK	40EE470 HG40EE470SK	48EE470 HG48EE470SK
<b>Design</b>	Front Color	Black	Black	Black	Black
	Stand Type	Square	Square	Square	Square
	Swivel (Left/Right)	N/A	90/90	90/90	90/90
<b>Dimension</b>	Set Size without Stand - Wall Mount Side (WxHxD)(mm)	643.4 x 396.5 x 49.1	745.4 x 442.2 x 57.9	922.7 x 530.7 x 58.8	1098.7 x 638.7 x 60.2
	Set Size without Stand - Speaker Side (WxHxD)(mm)	643.4 x 396.5 x 62.9	745.4 x 442.2 x 69.0	922.7 x 530.7 x 72.0	1098.7 x 638.7 x 73.9
	Set Size with Stand (WxHxD)(mm)	643.4 x 435.0 x 163.4	745.4 x 484.7 x 192.6	922.7 x 582.3 x 226.5	1098.7 x 689.5 x 226.5
	Package Size (WxHxD)(mm)	815.0 x 463.0 x 108.0	912.0 x 507.0 x 135.0	1097.0 x 614.0 x 143.0	1315.0 x 755.0 x 161.0
<b>Weight</b>	Set Weight without Stand (kg)	3.8	4.0	6.8	9.8
	Set Weight with Stand (kg)	4.2	5.6	9.7	12.7
	Package Weight (kg)	5.4	7.2	12.0	16.8
<b>Accessory</b>	Remote Controller Model	TM1240A	TM1240A	TM1240A	TM1240A
	Batteries (for Remote Control)	Yes	Yes	Yes	Yes
	Samsung Smart Control (Included)	N/A	N/A	N/A	N/A
	Ultra Slim Wall Mount Support	N/A	N/A	N/A	N/A
	Mini Wall Mount Support	N/A	Yes	Yes	Yes
	VESA Wall Mount Support	Yes	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes	Yes
	Data Cable	Yes	Yes	Yes	Yes
	Stand Mount Kit	N/A	N/A	Yes	Yes
	Security Screws	N/A	N/A	N/A	N/A
Angle Adaptor (for Side RF tuner)	Yes	N/A	N/A	N/A	



Samsung HE590 Series Hospitality Displays



# Samsung Hospitality Display with Manageability - HE590

Deliver Premium Interactive Guest Services through Hospitality Displays

- Stylish design that includes a swivel stand for customized, comfortable guest enjoyment
- Simplified management of hundreds of in-room displays through the LYNK REACH 4.0 solution’s centralized server
- Access to a wider range of available cannel for improved guest interactivity
- Deliver in-room content with heightened security through integrated LYNK DRM functionality

Basic Feature		Hospitality Solution			Convenience Feature		Security		Clock Option	
Screen Size	Resolution	Home Menu	LYNK™ REACH 4.0	LYNK™ HMS	Multi-code remote control	Improve Plug and Play	LYNK™ DRM	Security Mode	External Clock Compatibility	Software Clock
32", 40"	32" : 1,366X768 Others: 1,920x1,080	•	•	•	•	•	•	•		•

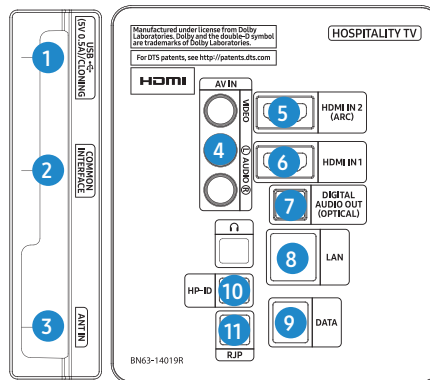
# Specifications

32"

## Connectors



- HG32EE590SK



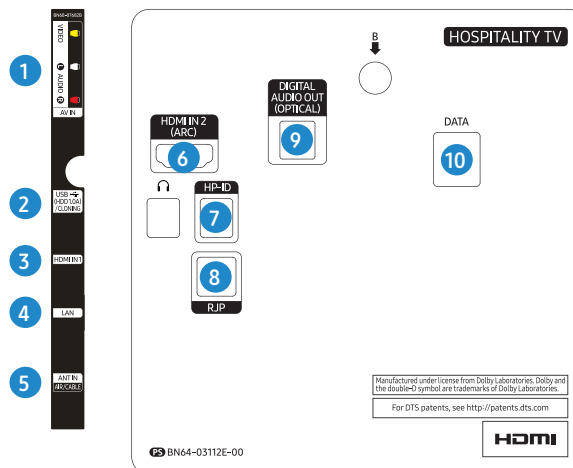
1. USB(5V 0.5A) / CLONING
2. COMMON INTERFACE
3. ANT IN
4. AV IN
5. HDMI IN2 (ARC)
6. HDMI IN1
7. DIGITAL AUDIO OUT (OPTICAL)
8. LAN
9. DATA
10. HP-ID
11. RJP

40"

## Connectors



- HG40EE590SK



1. AV IN
2. USB(HDD1.0A)/CLONING
3. HDMI IN1
4. LAN
5. ANT IN(AIR/CABLE)
6. HDMI IN2 (ARC)
7. HP-ID
8. RJP
9. DIGITAL AUDIO OUT (OPTICAL)
10. DATA

		32EE590 HG32EE590SK	40EE590 HG40EE590SK
<b>Display</b>	Backlight	LED	LED
	Inch	32	40
	Resolution	1,366 x 768	1920 x 1080
<b>Video</b>	Picture Engine	HyperReal	HyperReal
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast
	Micro Dimming	N/A	N/A
	Active Crystal Color	N/A	N/A
	Wide Color Enhancer (Plus)	Yes	Yes
	Auto Motion Plus	N/A	N/A
	Film Mode	Yes	Yes
	Dolby Digital Plus	Yes	Yes
<b>Audio</b>	Virtual Surround	Yes	Yes
	DTS Codec	Yes	Yes
	Sound Output (RMS)	10W(L:5W, R:5W)	20W(L:10W, R:10W)
	Speaker Type	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)
	Wallmount Sound Mode	Yes	Yes
	TV SoundConnect	N/A	N/A
	BT Headset Support	N/A	N/A
	Smart TV Type	Smart	Smart
<b>SMART TV</b>	Apps Panel	Yes	Yes
	Web Browser	Yes	Yes
	VESA Mount (mm)	200x200	200x200
<b>VESA Standard</b>	VESA Screw Size	M8	M8
	Smart Interaction	Voice Control	N/A
<b>Convergence</b>	TV to Mobile - Mirroring	N/A	N/A
	Mobile to TV - Mirroring, DLNA	Yes	Yes
	Samsung SMART View	Yes	Yes
<b>Differentiation</b>	Sports Mode	Yes	Yes
	All Care Protection	N/A	N/A
<b>Feature</b>	Samsung 3D	N/A	N/A
	Processor	Quad Core	Quad Core
	Accessibility	Yes (Enlarge/ High contrast)	Yes (Enlarge/ High contrast)
	Digital Clean View	Yes	Yes
	Auto Channel Search	Yes	Yes
	Auto Power Off	Yes	Yes
	BD Wise Plus	N/A	N/A
	Caption (Subtitle)	Yes	Yes
	ConnectShare™ (HDD)	N/A	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes
	EPG	Yes	Yes
	Game Mode	Yes	Yes
	OSD Language	27 European Languages	27 European Languages
	Picture-In-Picture	Yes	Yes
	BT HID Support	N/A	N/A
	USB HID Support	Yes	Yes
	Teletext (TTX)	Yes	Yes

	32EE590 HG32EE590SK	40EE590 HG40EE590SK
Samsung LYNK™ SINC Compatibility	Yes	Yes
Samsung LYNK™ HMS Compatibility	N/A	N/A
H.Browser	Yes	Yes
Samsung LYNK™ REACH (IP)	REACH 4.0	REACH 4.0
Samsung LYNK™ REACH (RF)	REACH 4.0	REACH 4.0
Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes
Hospitality Home Menu	Home Menu 2015	Home Menu 2015
Bluetooth Music Player (Mobile → TV)	N/A	N/A
Hospitality Plug&Play(Easy Setup)	Yes	Yes
Auto Source Mode	Yes	Yes
Power On Mode	Yes	Yes
Hotel Channel List	Yes	Yes
Channel Menu Display	Yes	Yes
Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes
My Channel	Yes	Yes
Energy Saving Mode (BLU control)	Yes	Yes
Logo Display with Timer Out Setting (BMP/ Movie)	Yes	Yes
Welcome Message	Yes	Yes
RJ12/IR pass through	Yes	Yes
External Clock Compatibility	N/A	N/A
Clock Back Up Supply	Yes	Yes
External Clock Dimming Control	N/A	N/A
Software Clock	Yes	Yes
Multi Code Remote control	Yes	Yes
Screwed Battery Cover	Yes	Yes
Sound Bar Compatibility	Yes	Yes
Music Mode (Input: PC/AV/Component/ HDMI)	Yes	Yes
Music Mode Backlight on/off	Yes	Yes
TTX Clock Update (Analogue)	Yes	Yes
USB Cloning	Yes	Yes
Smovie Compatibility	Yes	Yes
Soft AP	Yes	Yes
On/Off Timer (Schedule)	Yes	Yes
Wake-up Timer (Alarm)	Yes	Yes
Samsung LYNK™ DRM	Yes	Yes
Pro:Idiom	N/A	N/A
bLAN	N/A	N/A
Security Mode	Yes	Yes
S/W EPG (Solution EPG)	Yes	Yes
Wake on LAN (WOL)	Yes	Yes
IP Over Coax	N/A	N/A

Hospitality  
Feature

	32EE590 HG32EE590SK	40EE590 HG40EE590SK	
<b>System</b>	Digital Broadcasting	DVB-T2/C	DVB-T2/C
	Analog Tuner	Yes	Yes
	CI (Common Interface)	CI+(1.3)	CI+(1.3)
	Data Broadcasting	HbbTV(CZ,SK,PL,DE,AT,CH,FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV(CZ,SK,PL,DE,AT,CH,FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP
<b>Input &amp; Output</b>	HDMI	0/1	1/1
	USB	1/0	1/0
	Component In (Y/Pb/Pr)	N/A	N/A
	Composite In (AV)	0/1	1/0
	Ethernet (LAN)	0/1	1/0
	Headphone	0/1	0/1
	Audio Out (Mini Jack / LR)	N/A	N/A
	Digital Audio Out (Optical)	0/1	0/1
	RF In(Terrestrial / Cable input / Satellite Input)	1/0	1/0
	Ex-Link ( RS-232C )	N/A	N/A
	CI Slot	1/0	0/1
	Scart	N/A	N/A
	HDMI A / Return Ch.Support	Yes	Yes
	Wireless LAN Built-in	Yes	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes
	Pillow Speaker Jack	N/A	N/A
	Variable Audio Out	N/A	N/A
	Variable Audio Out Volume Control	N/A	N/A
	Video Out	N/A	N/A
	RJ12	0/1	0/1
	RJP(For Remote Jackpack)	0/1	0/1
	Headphone ID	0/1	0/1
	Door-Eye Control	N/A	N/A
	Door-Eye Video In	N/A	N/A
	PC In (D-sub)	N/A	N/A
	PC/DVI Audio In (Mini Jack)	N/A	N/A
Ethernet Bridge (LAN-Out)	N/A	N/A	

		32EE590 HG32EE590SK	40EE590 HG40EE590SK
<b>Design</b>	Front Color	Black	Black
	Stand Type	Square	Square
	Swivel (Left/Right)	90/90	90/90
<b>Dimension</b>	Set Size without Stand - Wall Mount Side (WxHxD)(mm)	745.4 x 442.2 x 57.9	922.7x522.7x58.8
	Set Size without Stand - Speaker Side (WxHxD)(mm)	745.4 x 442.2 x 69.0	922.7x522.7x72.2
	Set Size with Stand (WxHxD)(mm)	745.4 x 484.7 x 192.6	922.7x581.8x226.5
	Package Size (WxHxD)(mm)	912.0 x 507.0 x 135.0	1133 x 617 x 134
<b>Weight</b>	Set Weight without Stand (kg)	4.0	7.7
	Set Weight with Stand (kg)	5.6	10.6
	Package Weight (kg)	7.2	12.8
<b>Accessory</b>	Remote Controller Model	TM1240A	TM1240A
	Batteries (for Remote Control)	Yes	Yes
	Samsung Smart Control (Included)	N/A	N/A
	Ultra Slim Wall Mount Support	N/A	N/A
	Mini Wall Mount Support	N/A	N/A
	VESA Wall Mount Support	Yes	Yes
	Power Cable	Yes	Yes
	Quick Install Guide	Yes	Yes
	Data Cable	Yes	Yes
	Stand Mount Kit	Yes	Yes
	Security Screws	Yes	Yes
Angle Adaptor (for Side RF tuner)	N/A	N/A	

## Samsung HE690 Series Hospitality Displays



# Samsung Hospitality Display with Manageability - HE690

Deliver Premium Interactive Guest Services through Samsung HE690 Hospitality Displays

- Slim, stylish design adds ambience to the hotel room while maintaining guests' focus on on-screen content
- Simplified management of hundreds of in-room displays through the LYNK REACH 4.0 solution's centralized server
- Expanded connectivity and program access through a connected Ethernet bridge and Bluetooth music player
- Display and enjoy content from compatible personal devices through wireless content sharing

Basic Feature		Hospitality Solution			Convenience Feature		Security		Clock Option	
Screen Size	Resolution	Home Menu	LYNK™ REACH 4.0	LYNK™ HMS	Multi-code remote control	Improve Plug and Play	LYNK™ DRM	Security Mode	External Clock Compatibility	Software Clock
24", 28", 32", 40", 49", 55"	24" & 28" : 1,366x768 Others: 1,920x1,080	•	•	•	•	•	•	•	•	•

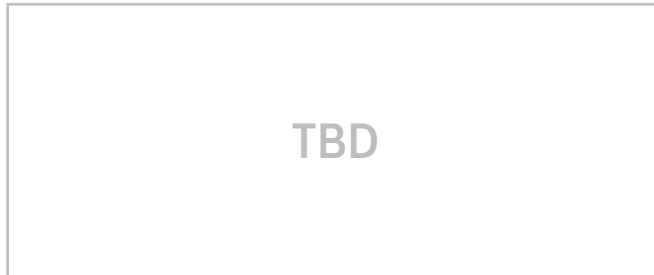
## Specifications

24",28"



- HG24EE690AB
- HG28EE690AB

Connectors



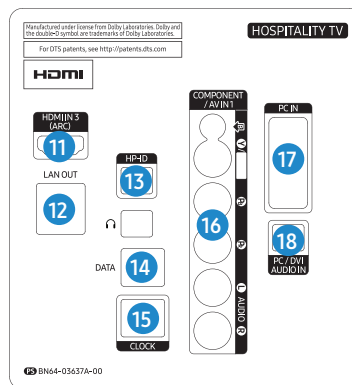
1. TBD

32", 40",49",55"



- HG32EE690DB
- HG40EE690DB
- HG49EE690DB
- HG55EE690DB

Connectors



1. VARIABLE AUDIO OUT
2. VOL-CTRL
3. USB (5V 0.5A)
4. USB (HDD 1.0A)/CLONING
5. HDMI IN2
6. HDMI IN1 (DVI)
7. LAN
8. RJP
9. DIGITAL AUDIO OUT(OPTICAL)
10. ANT IN (SATELLITE,AIR/CABLE)
11. HDMI IN3 (ARC)
12. LAN OUT
13. HP-ID
14. DATA
15. CLOCK
16. COMPONENT / AV IN1
17. PC IN
18. PC/DVI AUDIO IN



		24EE690 HG24EE690AB	28EE690 HG28EE690AB	32EE690 HG32EE690DB
<b>Display</b>	Backlight	LED	LED	LED
	Inch	24	28	32
	Resolution	1,366 x 768	1,366 x 768	1920 x 1080
<b>Video</b>	Picture Engine	HyperReal	HyperReal	HyperReal
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast	Mega Contrast
	Micro Dimming	N/A	N/A	N/A
	Active Crystal Color	N/A	N/A	N/A
	Wide Color Enhancer (Plus)	Yes	Yes	Yes
	Auto Motion Plus	N/A	N/A	N/A
	Film Mode	Yes	Yes	Yes
	<b>Audio</b>	Dolby Digital Plus	Yes	Yes
Virtual Surround		Yes	Yes	Yes
DTS Codec		Yes	Yes	Yes
Sound Output (RMS)		10W(L:5W, R:5W)	10W(L:5W, R:5W)	20W(L:10W, R:10W)
Speaker Type		2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)
Wallmount Sound Mode		Yes	Yes	Yes
TV SoundConnect		N/A	N/A	Yes
BT Headset Support		N/A	N/A	Yes
<b>SMART TV</b>	Smart TV Type	Smart	Smart	Smart
	Apps Panel	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes
<b>VESA Standard</b>	VESA Mount (mm)	75x75	100x100	100x100
	VESA Screw Size	M4	M4	M4
<b>Smart Interaction</b>	Voice Control	N/A	N/A	Yes
<b>Convergence</b>	TV to Mobile - Mirroring	N/A	N/A	N/A
	Mobile to TV - Mirroring, DLNA	Yes	Yes	Yes
	Samsung SMARTView	Yes	Yes	Yes
<b>Differentiation</b>	Sports Mode	Yes	Yes	Yes
	All Care Protection	N/A	N/A	N/A
<b>Feature</b>	Samsung 3D	N/A	N/A	N/A
	Processor	Quad Core	Quad Core	Quad Core
	Accessibility	Enlarge/ High contrast	Enlarge/ High contrast	Enlarge/ High contrast
	Digital Clean View	Yes	Yes	Yes
	Auto Channel Search	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes
	BD Wise Plus	N/A	N/A	N/A
	Caption (Subtitle)	Yes	Yes	Yes
	ConnectShare™ (HDD)	Yes	Yes	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes
	EPG	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes
	OSD Language	27 European Languages	27 European Languages	27 European Languages
	Picture-In-Picture	Yes	Yes	Yes
	BT HID Support	N/A	N/A	Yes
	USB HID Support	Yes	Yes	Yes
	Teletext (TTX)	Yes	Yes	Yes

	24EE690 HG24EE690AB	28EE690 HG28EE690AB	32EE690 HG32EE690DB
Samsung LYNK™ SINC Compatibility	Yes	Yes	Yes
Samsung LYNK™ HMS Compatibility	N/A	N/A	Yes
H.Browser	Yes	Yes	Yes
Samsung LYNK™ REACH (IP)	REACH4.0	REACH4.0	REACH4.0
Samsung LYNK™ REACH (RF)	REACH4.0	REACH4.0	REACH4.0
Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes	Yes
Hospitality Home Menu	Home Menu 2015	Home Menu 2015	Home Menu 2015
Bluetooth Music Player (Mobile → TV)	N/A	N/A	Yes
Hospitality Plug&Play(Easy Setup)	Yes	Yes	Yes
Auto Source Mode	Yes	Yes	Yes
Power On Mode	Yes	Yes	Yes
Hotel Channel List	Yes	Yes	Yes
Channel Menu Display	Yes	Yes	Yes
Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes	Yes
My Channel	Yes	Yes	Yes
Energy Saving Mode (BLU control)	Yes	Yes	Yes
Logo Display with Timer Out Setting (BMP/Movie)	Yes	Yes	Yes
Welcome Message	Yes	Yes	Yes
RJ12/IR pass through	Yes	Yes	Yes
External Clock Compatibility	N/A	Yes	Yes
Clock Back Up Supply	Yes	Yes	Yes
External Clock Dimming Control	N/A	Yes	Yes
Software Clock	Yes	Yes	Yes
Multi Code Remote control	Yes	Yes	Yes
Screwed Battery Cover	Yes	Yes	Yes
Sound Bar Compatibility	Yes	Yes	Yes
Music Mode (Input: PC/AV/Component/HDMI)	Yes	Yes	Yes
Music Mode Backlight on/off	Yes	Yes	Yes
TTX Clock Update (Analogue)	Yes	Yes	Yes
USB Cloning	Yes	Yes	Yes
Smovie Compatibility	Yes	Yes	Yes
Soft AP	Yes	Yes	Yes
On/Off Timer (Schedule)	Yes	Yes	Yes
Wake-up Timer (Alarm)	Yes	Yes	Yes
Samsung LYNK™ DRM	Yes	Yes	Yes
Pro:Idiom	N/A	N/A	N/A
bLAN	N/A	N/A	N/A
Security Mode	Yes	Yes	Yes
S/W EPG (Solution EPG)	Yes	Yes	Yes
Wake on LAN (WOL)	Yes	Yes	Yes
IPOver Coax	N/A	N/A	N/A

Hospitality  
Feature

	24EE690 HG24EE690AB	28EE690 HG28EE690AB	32EE690 HG32EE690DB	
<b>System</b>	Digital Broadcasting	DVB-T2/C/S2	DVB-T2/C/S2	
	Analog Tuner	Yes	Yes	
	CI (Common Interface)	CI+(1.3)	CI+(1.3)	
	Data Broadcasting	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK)	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK)	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK)
<b>Input &amp; Output</b>	HDMI	0/2	1/2	2/1
	USB	1/0	2/0	2/0
	Component In (Y/Pb/Pr)	N/A	N/A	0/1
	Composite In (AV)	N/A	1/0	0/1 (Common Use for Component Y)
	Ethernet (LAN)	1/0	1/0	1/0
	Headphone	0/1	0/1	0/1
	Audio Out (Mini Jack / LR)	N/A	N/A	N/A
	Digital Audio Out (Optical)	0/1	0/1	1/0
	RF In(Terrestrial / Cable input / Satellite Input)	0/1	1/0	1/0
	Ex-Link ( RS-232C )	N/A	N/A	N/A
	CI Slot	1/0	0/1	0/1
	Scart	N/A	N/A	N/A
	HDMI A / Return Ch.Support	Yes	Yes	Yes
	Wireless LAN Built-in	Yes	Yes	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes
	Pillow Speaker Jack	N/A	N/A	N/A
	Variable Audio Out	N/A	0/1	1/0
	Variable Audio Out Volume Control	N/A	0/1	1/0
	Video Out	N/A	N/A	N/A
	RJ12	0/1	0/1	0/1
	RJP(For Remote Jackpack)	0/1	0/1	1/0
	Headphone ID	0/1	0/1	0/1
	Door-Eye Control	N/A	N/A	N/A
	Door-Eye Video In	N/A	N/A	N/A
	PC In (D-sub)	0/1	0/1	0/1
	PC/DVI Audio In (Mini Jack)	0/1	0/1	0/1
	Ethernet Bridge (LAN-Out)	N/A	N/A	0/1

		24EE690 HG24EE690AB	28EE690 HG28EE690AB	32EE690 HG32EE690DB
<b>Design</b>	Front Color	Black	Black	Dark Titan
	Stand Type	Square	Square	Square
	Swivel (Left/Right)	N/A	N/A	90/90
<b>Dimension</b>	Set Size without Stand - Wall Mount Side (WxHxD)(mm)	561.8x349.1x49.1	643.4 x 396.5 x 49.1	730.4 x 433.8 x 40.3
	Set Size without Stand - Speaker Side (WxHxD)(mm)	561.8x349.1x66.6	643.4 x 396.5 x 62.9	730.4 x 433.8 x 54.6
	Set Size with Stand (WxHxD)(mm)	561.8x383.5x163.7	643.4 x 435.0 x 163.4	730.4 x 482.8 x 192.6
	Package Size (WxHxD)(mm)	743 x 407 x 114	815 x 463 x 108	913 x 534 x 113
<b>Weight</b>	Set Weight without Stand (kg)	4	3.8	5.5
	Set Weight with Stand (kg)	4.2	4.2	7.1
	Package Weight (kg)	5.4	5.4	8.8
<b>Accessory</b>	Remote Controller Model	TM1240A	TM1240A	TM1240A
	Batteries (for Remote Control)	Yes	Yes	Yes
	Samsung Smart Control (Included)	N/A	N/A	N/A
	Ultra Slim Wall Mount Support	N/A	N/A	N/A
	Mini Wall Mount Support	N/A	N/A	N/A
	VESA Wall Mount Support	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes
	Data Cable	Yes	Yes	Yes
	Stand Mount Kit	N/A	N/A	Yes
	Security Screws	N/A	N/A	N/A
Angle Adaptor (for Side RF tuner)	N/A	Yes	N/A	

		40EE690 HG40EE690DB	49EE690 HG49EE690DB	55EE690 HG55EE690DB
<b>Display</b>	Backlight	LED	LED	LED
	Inch	40	49	55
	Resolution	1920 x1080	1920 x1080	1920 x1080
<b>Video</b>	Picture Engine	HyperReal	HyperReal	HyperReal
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast	Mega Contrast
	Micro Dimming	N/A	N/A	N/A
	Active Crystal Color	N/A	N/A	N/A
	Wide Color Enhancer (Plus)	Yes	Yes	Yes
	Auto Motion Plus	N/A	N/A	N/A
	Film Mode	Yes	Yes	Yes
	<b>Audio</b>	Dolby Digital Plus	Yes	Yes
Virtual Surround		Yes	Yes	Yes
DTS Codec		Yes	Yes	Yes
Sound Output (RMS)		20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)
Speaker Type		2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)
Wallmount Sound Mode		Yes	Yes	Yes
TV SoundConnect		Yes	Yes	Yes
BT Headset Support		Yes	Yes	Yes
<b>SMART TV</b>	Smart TV Type	Smart	Smart	Smart
	Apps Panel	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes
<b>VESA Standard</b>	VESA Mount (mm)	200x200	200x200	400x400
	VESA Screw Size	M8	M8	M8
<b>Smart Interaction</b>	Voice Control	Yes	Yes	Yes
<b>Convergence</b>	TV to Mobile - Mirroring	N/A	N/A	N/A
	Mobile to TV - Mirroring, DLNA	Yes	Yes	Yes
	Samsung SMART View	Yes	Yes	Yes
<b>Differentiation</b>	Sports Mode	Yes	Yes	Yes
	All Care Protection	N/A	N/A	N/A
<b>Feature</b>	Samsung 3D	N/A	N/A	N/A
	Processor	Quad Core	Quad Core	Quad Core
	Accessibility	Enlarge/ High contrast	Enlarge/ High contrast	Enlarge/ High contrast
	Digital Clean View	Yes	Yes	Yes
	Auto Channel Search	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes
	BD Wise Plus	N/A	N/A	N/A
	Caption (Subtitle)	Yes	Yes	Yes
	ConnectShare™ (HDD)	Yes	Yes	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes
	EPG	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes
	OSD Language	27 European Languages	27 European Languages	27 European Languages
	Picture-In-Picture	Yes	Yes	Yes
	BT HID Support	Yes	Yes	Yes
	USB HID Support	Yes	Yes	Yes
	Teletext (TTX)	Yes	Yes	Yes

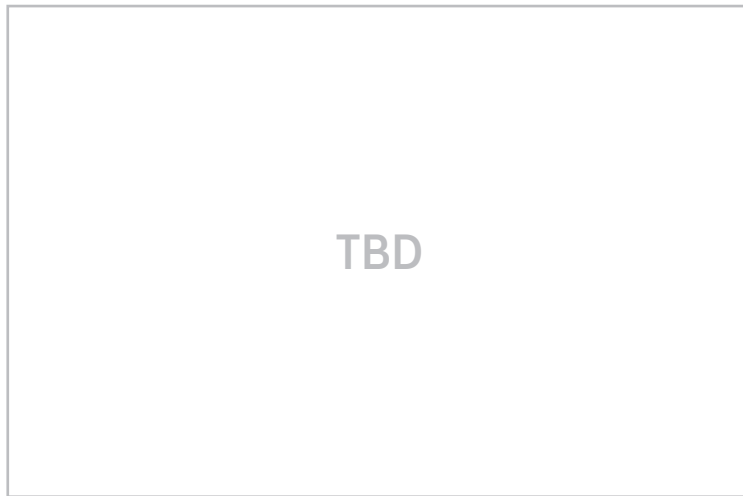
	40EE690 HG40EE690DB	49EE690 HG49EE690DB	55EE690 HG55EE690DB
Samsung LYNK™ SINC Compatibility	Yes	Yes	Yes
Samsung LYNK™ HMS Compatibility	Yes	Yes	Yes
H.Browser	Yes	Yes	Yes
Samsung LYNK™ REACH (IP)	REACH4.0	REACH4.0	REACH4.0
Samsung LYNK™ REACH (RF)	REACH4.0	REACH4.0	REACH4.0
Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes	Yes
Hospitality Home Menu	Home Menu 2015	Home Menu 2015	Home Menu 2015
Bluetooth Music Player (Mobile → TV)	Yes	Yes	Yes
Hospitality Plug&Play(Easy Setup)	Yes	Yes	Yes
Auto Source Mode	Yes	Yes	Yes
Power On Mode	Yes	Yes	Yes
Hotel Channel List	Yes	Yes	Yes
Channel Menu Display	Yes	Yes	Yes
Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes	Yes
My Channel	Yes	Yes	Yes
Energy Saving Mode (BLU control)	Yes	Yes	Yes
Logo Display with Timer Out Setting (BMP/Movie)	Yes	Yes	Yes
Welcome Message	Yes	Yes	Yes
RJ12/IR pass through	Yes	Yes	Yes
External Clock Compatibility	Yes	Yes	Yes
Clock Back Up Supply	Yes	Yes	Yes
External Clock Dimming Control	Yes	Yes	Yes
Software Clock	Yes	Yes	Yes
Multi Code Remote control	Yes	Yes	Yes
Screwed Battery Cover	Yes	Yes	Yes
Sound Bar Compatibility	Yes	Yes	Yes
Music Mode (Input: PC/AV/Component/HDMI)	Yes	Yes	Yes
Music Mode Backlight on/off	Yes	Yes	Yes
TTX Clock Update (Analogue)	Yes	Yes	Yes
USB Cloning	Yes	Yes	Yes
Smovie Compatibility	Yes	Yes	Yes
Soft AP	Yes	Yes	Yes
On/Off Timer (Schedule)	Yes	Yes	Yes
Wake-up Timer (Alarm)	Yes	Yes	Yes
Samsung LYNK™ DRM	Yes	Yes	Yes
Pro:Idiom	N/A	N/A	N/A
bLAN	N/A	N/A	N/A
Security Mode	Yes	Yes	Yes
S/W EPG (Solution EPG)	Yes	Yes	Yes
Wake on LAN (WOL)	Yes	Yes	Yes
IPOver Coax	N/A	N/A	N/A

Hospitality  
Feature

	40EE690 HG40EE690DB	49EE690 HG49EE690DB	55EE690 HG55EE690DB	
<b>System</b>	Digital Broadcasting	DVB-T2/C/S2	DVB-T2/C/S2	DVB-T2/C/S2
	Analog Tuner	Yes	Yes	Yes
	CI (Common Interface)	CI+(1.3)	CI+(1.3)	CI+(1.3)
	Data Broadcasting	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK)	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK)	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK)
<b>Input &amp; Output</b>	HDMI	2/1	2/1	2/1
	USB	2/0	2/0	2/0
	Component In (Y/Pb/Pr)	0/1	0/1	0/1
	Composite In (AV)	0/1 (Common Use for Component Y)	0/1 (Common Use for Component Y)	0/1 (Common Use for Component Y)
	Ethernet (LAN)	1/0	1/0	1/0
	Headphone	0/1	0/1	0/1
	Audio Out (Mini Jack / LR)	N/A	N/A	N/A
	Digital Audio Out (Optical)	1/0	1/0	1/0
	RF In(Terrestrial / Cable input / Satellite Input)	1/0	1/0	1/0
	Ex-Link ( RS-232C )	N/A	N/A	N/A
	CI Slot	0/1	0/1	0/1
	Scart	N/A	N/A	N/A
	HDMI A / Return Ch.Support	Yes	Yes	Yes
	Wireless LAN Built-in	Yes	Yes	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes
	Pillow Speaker Jack	N/A	N/A	N/A
	Variable Audio Out	1/0	1/0	1/0
	Variable Audio Out Volume Control	1/0	1/0	1/0
	Video Out	N/A	N/A	N/A
	RJ12	0/1	0/1	0/1
	RJP(For Remote Jackpack)	1/0	1/0	1/0
	Headphone ID	0/1	0/1	0/1
	Door-Eye Control	N/A	N/A	N/A
	Door-Eye Video In	N/A	N/A	N/A
	PC In (D-sub)	0/1	0/1	0/1
	PC/DVI Audio In (Mini Jack)	0/1	0/1	0/1
	Ethernet Bridge (LAN-Out)	0/1	0/1	0/1

		40EE690 HG40EE690DB	49EE690 HG49EE690DB	55EE690 HG55EE690DB
<b>Design</b>	Front Color	Dark Titan	Dark Titan	Dark Titan
	Stand Type	Square	Square	Square
	Swivel (Left/Right)	90/90	90/90	90/90
<b>Dimension</b>	Set Size without Stand - Wall Mount Side (WxHxD)(mm)	917.6 x 539.2 x 40.2	1105.8 x 645.0 x 39.8	1241.6 x 721.4 x 40.0
	Set Size without Stand - Speaker Side (WxHxD)(mm)	917.6 x 539.2 x 54.2	1105.8 x 645.0 x 54.6	1241.6 x 721.4 x 54.5
	Set Size with Stand (WxHxD)(mm)	917.6 x 591.1 x 226.5	1105.8 x 697.0 x 226.5	1241.6 x 773.3 x 226.5
	Package Size (WxHxD)(mm)	1105 x 636 x 116	1290 x 746 x 130	1424 x 812 x 140
<b>Weight</b>	Set Weight without Stand (kg)	8.5	13.1	16
	Set Weight with Stand (kg)	11.4	16	18.9
	Package Weight (kg)	13.2	19.9	24.1
<b>Accessory</b>	Remote Controller Model	TM1240A	TM1240A	TM1240A
	Batteries (for Remote Control)	Yes	Yes	Yes
	Samsung Smart Control (Included)	N/A	N/A	N/A
	Ultra Slim Wall Mount Support	N/A	N/A	N/A
	Mini Wall Mount Support	N/A	N/A	N/A
	VESA Wall Mount Support	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes
	Data Cable	Yes	Yes	Yes
	Stand Mount Kit	Yes	Yes	Yes
	Security Screws	N/A	N/A	N/A
Angle Adaptor (for Side RF tuner)	N/A	N/A	N/A	





# Samsung Hospitality Display with Manageability - HE694

Deliver Premium Interactive Guest Services through Samsung HE694 Hospitality Displays

- Stylish design that includes a swivel stand for customized, comfortable guest enjoyment
- Simplified management of hundreds of in-room displays through the LYNK REACH 4.0 solution's centralized server
- Access to a wider range of available channels for improved guest interactivity
- Deliver in-room content with heightened security through integrated LYNK DRM functionality

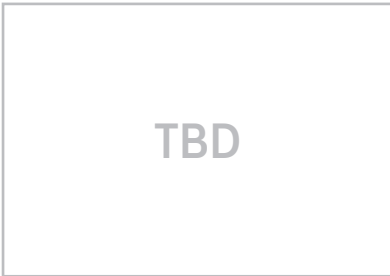
Basic Feature		Hospitality Solution			Convenience Feature		Security		Clock Option	
Screen Size	Resolution	Home Menu	LYNK™ REACH 4.0	LYNK™ HMS	IPOverCoax	Ethernet Bridge	LYNK™ DRM	Security Mode	External Clock Compatibility	Software Clock

32",40",49"      1,920x1,080      •      •      •      •      •      •      •      •      •

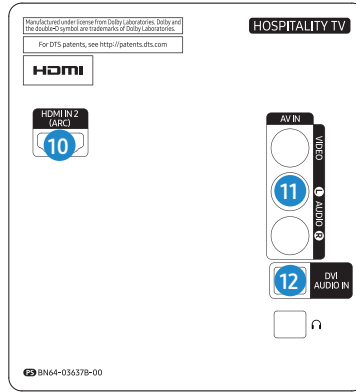
# Specifications

32", 40", 49"

Connectors



- HG32EE694DK
- HG40EE694DK
- HG49EE694DK



1. VARIABLE AUDIO OUT
2. VOL-CTRL
3. USB(5V 5.0A)
4. USB(HDD 1.0A)/CLONING
5. DIGITAL AUDIO OUT (OPTICAL)
6. HDMI IN1 (DVI)
7. LAN OUT
8. DATA
9. ANT IN
10. HDMI IN2 (ARC)
11. AV IN
12. DVI AUDIO IN

		32EE694 HG32EE694DK	40EE694 HG40EE694DK	49EE694 HG49EE694DK
<b>Display</b>	Backlight	LED	LED	LED
	Inch	32	40	49
	Resolution	1920 x1080	1920 x1080	1920 x1080
<b>Video</b>	Picture Engine	HyperReal	HyperReal	HyperReal
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast	Mega Contrast
	Micro Dimming	N/A	N/A	N/A
	Active Crystal Color	N/A	N/A	N/A
	Wide Color Enhancer (Plus)	Yes	Yes	Yes
	Auto Motion Plus	N/A	N/A	N/A
	Film Mode	Yes	Yes	Yes
	<b>Audio</b>	Dolby Digital Plus	Yes	Yes
Virtual Surround		Yes	Yes	Yes
DTS Codec		Yes	Yes	Yes
Sound Output (RMS)		20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)
Speaker Type		2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)
Wallmount Sound Mode		Yes	Yes	Yes
TV SoundConnect		Yes	Yes	Yes
BT Headset Support		Yes	Yes	Yes
<b>SMART TV</b>	Smart TV Type	Smart	Smart	Smart
	Apps Panel	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes
<b>VESA Standard</b>	VESA Mount (mm)	100x100	200x200	200x200
	VESA Screw Size	M4	M8	M8
<b>Smart Interaction</b>	Voice Control	Yes	Yes	Yes
<b>Convergence</b>	TV to Mobile - Mirroring	N/A	N/A	N/A
	Mobile to TV - Mirroring, DLNA	Yes	Yes	Yes
	Samsung SMARTView	Yes	Yes	Yes
<b>Differentiation</b>	Sports Mode	Yes	Yes	Yes
	All Care Protection	N/A	N/A	N/A
<b>Feature</b>	Samsung 3D	N/A	N/A	N/A
	Processor	Quad Core	Quad Core	Quad Core
	Accessibility	Enlarge/ High contrast	Enlarge/ High contrast	Enlarge/ High contrast
	Digital Clean View	Yes	Yes	Yes
	Auto Channel Search	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes
	BD Wise Plus	N/A	N/A	N/A
	Caption (Subtitle)	Yes	Yes	Yes
	ConnectShare™ (HDD)	Yes	Yes	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes
	EPG	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes
	OSD Language	27 European Languages	27 European Languages	27 European Languages
	Picture-In-Picture	Yes	Yes	Yes
	BT HID Support	Yes	Yes	Yes
	USB HID Support	Yes	Yes	Yes
	Teletext (TTX)	Yes	Yes	Yes

	32EE694 HG32EE694DK	40EE694 HG40EE694DK	49EE694 HG49EE694DK
Samsung LYNK™ SINC Compatibility	Yes	Yes	Yes
Samsung LYNK™ HMS Compatibility	Yes	Yes	Yes
H.Browser	Yes	Yes	Yes
Samsung LYNK™ REACH (IP)	REACH4.0	REACH4.0	REACH4.0
Samsung LYNK™ REACH (RF)	REACH4.0	REACH4.0	REACH4.0
Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes	Yes
Hospitality Home Menu	Home Menu 2015	Home Menu 2015	Home Menu 2015
Bluetooth Music Player (Mobile → TV)	Yes	Yes	Yes
Hospitality Plug&Play(Easy Setup)	Yes	Yes	Yes
Auto Source Mode	Yes	Yes	Yes
Power On Mode	Yes	Yes	Yes
Hotel Channel List	Yes	Yes	Yes
Channel Menu Display	Yes	Yes	Yes
Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes	Yes
My Channel	Yes	Yes	Yes
Energy Saving Mode (BLU control)	Yes	Yes	Yes
Logo Display with Timer Out Setting (BMP/Movie)	Yes	Yes	Yes
Welcome Message	Yes	Yes	Yes
RJ12/IR pass through	N/A	N/A	N/A
External Clock Compatibility	N/A	N/A	N/A
Clock Back Up Supply	Yes	Yes	Yes
External Clock Dimming Control	N/A	N/A	N/A
Software Clock	Yes	Yes	Yes
Multi Code Remote control	Yes	Yes	Yes
Screwed Battery Cover	Yes	Yes	Yes
Sound Bar Compatibility	Yes	Yes	Yes
Music Mode (Input: PC/AV/Component/HDMI)	Yes	Yes	Yes
Music Mode Backlight on/off	Yes	Yes	Yes
TTX Clock Update (Analogue)	Yes	Yes	Yes
USB Cloning	Yes	Yes	Yes
Smovie Compatibility	Yes	Yes	Yes
Soft AP	Yes	Yes	Yes
On/Off Timer (Schedule)	Yes	Yes	Yes
Wake-up Timer (Alarm)	Yes	Yes	Yes
Samsung LYNK™ DRM	Yes	Yes	Yes
Pro:Idiom	N/A	N/A	N/A
bLAN	N/A	N/A	N/A
Security Mode	Yes	Yes	Yes
S/W EPG (Solution EPG)	Yes	Yes	Yes
Wake on LAN (WOL)	Yes	Yes	Yes
IPOver Coax	Yes (Euro DOCSIS 3.0)	Yes (Euro DOCSIS 3.0)	Yes (Euro DOCSIS 3.0)

Hospitality  
Feature

	32EE694 HG32EE694DK	40EE694 HG40EE694DK	49EE694 HG49EE694DK	
<b>System</b>	Digital Broadcasting	DVB-T2/C	DVB-T2/C	
	Analog Tuner	Yes	Yes	
	CI (Common Interface)	CI+(1.3)	CI+(1.3)	
	Data Broadcasting	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK)	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK)	HbbTV(CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK)
<b>Input &amp; Output</b>	HDMI	1/1	1/1	1/1
	USB	2/0	2/0	2/0
	Component In (Y/Pb/Pr)	N/A	N/A	N/A
	Composite In (AV)	0/1	0/1	0/1
	Ethernet (LAN)	N/A	N/A	N/A
	Headphone	0/1	0/1	0/1
	Audio Out (Mini Jack / LR)	N/A	N/A	N/A
	Digital Audio Out (Optical)	1/0	1/0	1/0
	RF In(Terrestrial / Cable input / Satellite Input)	1/0	1/0	1/0
	Ex-Link ( RS-232C )	N/A	N/A	N/A
	CI Slot	0/1	0/1	0/1
	Scart	N/A	N/A	N/A
	HDMI A / Return Ch.Support	Yes	Yes	Yes
	Wireless LAN Built-in	Yes	Yes	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes
	Pillow Speaker Jack	N/A	N/A	N/A
	Variable Audio Out	1/0	1/0	1/0
	Variable Audio Out Volume Control	1/0	1/0	1/0
	Video Out	N/A	N/A	N/A
	RJ12	N/A	N/A	N/A
	RJP(For Remote Jackpack)	1/0	1/0	1/0
	Headphone ID	N/A	N/A	N/A
	Door-Eye Control	N/A	N/A	N/A
	Door-Eye Video In	N/A	N/A	N/A
	PC In (D-sub)	N/A	N/A	N/A
	PC/DVI Audio In (Mini Jack)	0/1	0/1	0/1
	Ethernet Bridge (LAN-Out)	1/0	1/0	1/0

		32EE694 HG32EE694DK	40EE694 HG40EE694DK	49EE694 HG49EE694DK
<b>Design</b>	Front Color	Dark Titan	Dark Titan	Dark Titan
	Stand Type	Square	Square	Square
	Swivel (Left/Right)	90/90	90/90	90/90
<b>Dimension</b>	Set Size without Stand - Wall Mount Side (WxHxD)(mm)	730.4 x 433.8 x 40.3	917.6 x 539.2 x 40.2	1105.8 x 645.0 x 39.8
	Set Size without Stand - Speaker Side (WxHxD)(mm)	730.4 x 433.8 x 54.6	917.6 x 539.2 x 54.2	1105.8 x 645.0 x 54.6
	Set Size with Stand (WxHxD)(mm)	730.4 x 482.8 x 192.6	917.6 x 591.1 x 226.5	1105.8 x 697.0 x 226.5
	Package Size (WxHxD)(mm)	913 x 534 x 113	1105 x 636 x 116	1290 x 746 x 130
<b>Weight</b>	Set Weight without Stand (kg)	5.5	8.5	13.1
	Set Weight with Stand (kg)	7.1	11.4	16
	Package Weight (kg)	8.8	13.2	19.9
<b>Accessory</b>	Remote Controller Model	TM1240A	TM1240A	TM1240A
	Batteries (for Remote Control)	Yes	Yes	Yes
	Samsung Smart Control (Included)	N/A	N/A	N/A
	Ultra Slim Wall Mount Support	N/A	N/A	N/A
	Mini Wall Mount Support	N/A	N/A	N/A
	VESA Wall Mount Support	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes
	Data Cable	N/A	N/A	N/A
	Stand Mount Kit	Yes	Yes	Yes
	Security Screws	N/A	N/A	N/A
Angle Adaptor (for Side RF tuner)	N/A	N/A	N/A	

Samsung HE89U Series Hospitality Displays



# Samsung Hospitality Display with Manageability - HE89U

Unleash all the possibilities that hospitality display can offer including Ultra High Resolution and advanced technologies with sophisticated Real Metal Bezel design

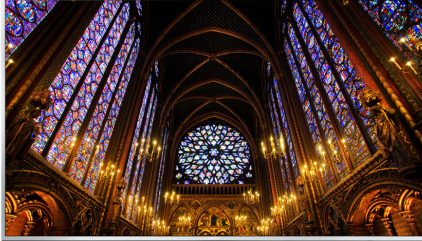
- The High-end flagship displays with sophisticated design and guest-centric capabilities ideal for luxury hotels
- Provide a More Memorable, Upscale Guest Experience through UHD Resolution
- Slim, stylish and exclusive real metal bezel design adds ambience to the hotel room while maintaining guests' focus on on-screen content
- Simplified management of hundreds of in-room displays through the LYNK REACH 4.0 solution's centralized server
- Deliver in-room content with heightened security through integrated LYNK DRM functionality
- Display and enjoy content from compatible personal devices through wireless content sharing

Basic Feature		Hospitality Solution			Convenience Feature		Security		Content Sharing		
Screen Size	Resolution	Home Menu	LYNK™ REACH 4.0	LYNK™ HMS	Multi-code remote control	Improve Plug and Play	LYNK™ DRM	Security Mode	Bluetooth Music Player	SmartView	Screen Mirroring

40",49",55",65"	3,840 x 2,160	•	•	•	•	•	•	•	•	•	•
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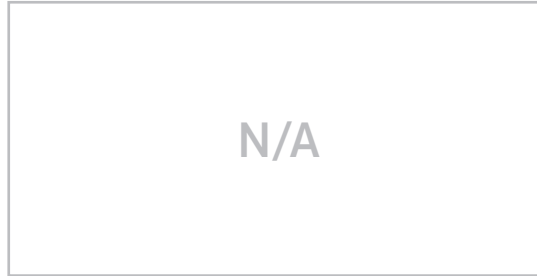
## Specifications

40"



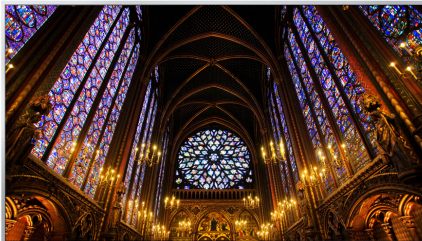
- HG40EE890UB

### Connectors



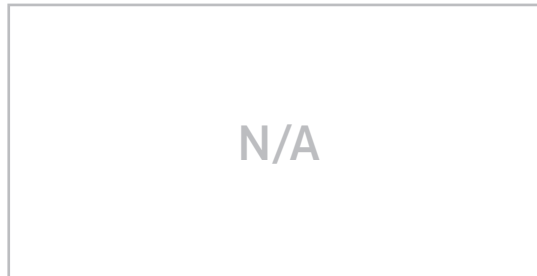
1. USB(5V 0.5A)
2. USB (HDD1.0A) / CLONING
3. DIGITAL AUDIO OUT(OPTICAL)
4. HDMI IN1 (ARC)
5. HDMI IN2
6. DATA
7. LAN
8. COMPONENT IN / AV IN
9. ANT IN

49", 55", 65"



- HG49EE890UB
- HG55EE890UB
- HG65EE890UB

### Connectors



1. USB(5V 0.5A)
2. USB (HDD1.0A) / CLONING
3. DIGITAL AUDIO OUT(OPTICAL)
4. HDMI IN1 (ARC)
5. HDMI IN2
6. DATA
7. LAN
8. COMPONENT IN / AV IN
9. ANT IN



## HE89U

		40EE890U HG40EE890UB	49EE890U HG49EE890UB	55EE890U HG55EE890UB	65EE890U HG65EE890UB
<b>Display</b>	Backlight	LED	LED	LED	LED
	Inch	40	49	55	65
	Resolution	3,840 × 2,160	3,840 × 2,160	3,840 × 2,160	3,840 × 2,160
<b>Video</b>	Picture Engine	UHD Up-Scaling	UHD Up-Scaling	UHD Up-Scaling	UHD Up-Scaling
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast
	Micro Dimming	UHD Dimming	UHD Dimming	UHD Dimming	UHD Dimming
	Active Crystal Color	Yes	Yes	Yes	Yes
	Wide Color Enhancer (Plus)	N/A	N/A	N/A	N/A
	Auto Motion Plus	Yes	Yes	Yes	Yes
	Film Mode	Yes	Yes	Yes	Yes
	Dolby Digital Plus	Yes	Yes	Yes	Yes
<b>Audio</b>	Virtual Surround	N/A	N/A	N/A	N/A
	DTS Codec	Yes	Yes	Yes	Yes
	Sound Output (RMS)	20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)
	Speaker Type	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)
	Wallmount Sound Mode	Yes	Yes	Yes	Yes
	TV SoundConnect	Yes	Yes	Yes	Yes
	BT Headset Support	Yes	Yes	Yes	Yes
	Smart TV Type	Smart	Smart	Smart	Smart
<b>SMART TV</b>	Apps Panel	Yes	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes	Yes
	VESA Mount (mm)	200x200	400x400	400x400	400x400
<b>VESA Standard</b>	VESA Screw Size	M8	M8	M8	M8
	<b>Smart Interaction</b>	Voice Control	Yes	Yes	Yes
<b>Convergence</b>	TV to Mobile - Mirroring	N/A	N/A	N/A	N/A
	Mobile to TV - Mirroring, DLNA	Yes	Yes	Yes	Yes
	Samsung SMART View	Yes	Yes	Yes	Yes
<b>Differentiation</b>	Sports Mode	Yes	Yes	Yes	Yes
	All Care Protection	N/A	N/A	N/A	N/A
<b>Feature</b>	Samsung 3D	N/A	N/A	N/A	N/A
	Processor	Quad Core	Quad Core	Quad Core	Quad Core
	Accessibility	Accessibility (Voice guide/ Enlarge/ High contrast)	Accessibility (Voice guide/ Enlarge/ High contrast)	Accessibility (Voice guide/ Enlarge/ High contrast)	Accessibility (Voice guide/ Enlarge/ High contrast)
	Digital Clean View	Yes	Yes	Yes	Yes
	Auto Channel Search	Yes	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes	Yes
	BD Wise Plus	Yes	Yes	Yes	Yes
	Caption (Subtitle)	Yes	Yes	Yes	Yes
	ConnectShare™ (HDD)	Yes	Yes	Yes	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes	Yes
	EPG	Yes	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes	Yes
	OSD Language	27 European Languages	27 European Languages	27 European Languages	27 European Languages
	Picture-In-Picture	Yes	Yes	Yes	Yes
	BT HID Support	Yes	Yes	Yes	Yes
	USB HID Support	Yes	Yes	Yes	Yes
	Teletext (TTX)	Yes	Yes	Yes	Yes

		HE89U			
		40EE890U HG40EE890UB	49EE890U HG49EE890UB	55EE890U HG55EE890UB	65EE890U HG65EE890UB
Hospitality Feature	Samsung LYNK™ SINC Compatibility	Yes	Yes	Yes	Yes
	Samsung LYNK™ HMS Compatibility	Yes	Yes	Yes	Yes
	H.Browser	Yes	Yes	Yes	Yes
	Samsung LYNK™ REACH (IP)	REACH 4.0	REACH 4.0	REACH 4.0	REACH 4.0
	Samsung LYNK™ REACH (RF)	REACH 4.0	REACH 4.0	REACH 4.0	REACH 4.0
	Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes	Yes	Yes
	Hospitality Home Menu	Home Menu 2015	Home Menu 2015	Home Menu 2015	Home Menu 2015
	Bluetooth Music Player (Mobile → TV)	Yes	Yes	Yes	Yes
	Hospitality Plug&Play(Easy Setup)	Yes	Yes	Yes	Yes
	Auto Source Mode	Yes	Yes	Yes	Yes
	Power On Mode	Yes	Yes	Yes	Yes
	Hotel Channel List	Yes	Yes	Yes	Yes
	Channel Menu Display	Yes	Yes	Yes	Yes
	Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes	Yes	Yes
	My Channel	Yes	Yes	Yes	Yes
	Energy Saving Mode (BLU control)	Yes	Yes	Yes	Yes
	Logo Display with Timer Out Setting (BMP/Movie)	Yes	Yes	Yes	Yes
	Welcome Message	Yes	Yes	Yes	Yes
	RJ12/IR pass through	Yes	Yes	Yes	Yes
	External Clock Compatibility	N/A	N/A	N/A	N/A
	Clock Back Up Supply	Yes	Yes	Yes	Yes
	External Clock Dimming Control	N/A	N/A	N/A	N/A
	Software Clock	Yes	Yes	Yes	Yes
	Multi Code Remote control	Yes	Yes	Yes	Yes
	Screwed Battery Cover	Yes	Yes	Yes	Yes
	Sound Bar Compatibility	Yes	Yes	Yes	Yes
	Music Mode (Input: PC/AV/Component/HDMI)	Yes	Yes	Yes	Yes
	Music Mode Backlight on/off	Yes	Yes	Yes	Yes
	TTX Clock Update (Analogue)	Yes	Yes	Yes	Yes
	USB Cloning	Yes	Yes	Yes	Yes
	Smovie Compatibility	Yes	Yes	Yes	Yes
	Soft AP	Yes	Yes	Yes	Yes
	On/Off Timer (Schedule)	Yes	Yes	Yes	Yes
	Wake-up Timer (Alarm)	Yes	Yes	Yes	Yes
Samsung LYNK™ DRM	Yes	Yes	Yes	Yes	
Pro:Idiom	N/A	N/A	N/A	N/A	
bLAN	N/A	N/A	N/A	N/A	
Security Mode	Yes	Yes	Yes	Yes	
S/W EPG (Solution EPG)	Yes	Yes	Yes	Yes	
Wake on LAN (WOL)	Yes	Yes	Yes	Yes	
IPOver Coax	N/A	N/A	N/A	N/A	

HE89U

	40EE890U HG40EE890UB	49EE890U HG49EE890UB	55EE890U HG55EE890UB	65EE890U HG65EE890UB	
<b>System</b>	Digital Broadcasting	DVB-T2/C/S2	DVB-T2/C/S2	DVB-T2/C/S2	
	Analog Tuner	Yes	Yes	Yes	
	CI (Common Interface)	CI+(1.3)	CI+(1.3)	CI+(1.3)	
	Data Broadcasting	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP
		HDMI	2/0	2/0	2/0
<b>Input &amp; Output</b>	USB	2/0	2/0	2/0	
	Component In (Y/Pb/Pr)	1/0	1/0	1/0	
	Composite In (AV)	1/0 (Common Use for Component Y)	1/0 (Common Use for Component Y)	1/0 (Common Use for Component Y)	1/0 (Common Use for Component Y)
	Ethernet (LAN)	1/0	1/0	1/0	1/0
	Headphone	N/A	N/A	N/A	N/A
	Audio Out (Mini Jack / LR)	N/A	N/A	N/A	N/A
	Digital Audio Out (Optical)	1/0	1/0	1/0	1/0
	RF In(Terrestrial / Cable input / Satellite Input)	2/0	2/0	2/0	2/0
	Ex-Link ( RS-232C )	N/A	N/A	N/A	N/A
	CI Slot	0/1	0/1	0/1	0/1
	Scart	N/A	N/A	N/A	N/A
	HDMI A / Return Ch.Support	Yes	Yes	Yes	Yes
	Wireless LAN Built-in	Yes	Yes	Yes	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes	Yes
	Pillow Speaker Jack	N/A	N/A	N/A	N/A
	Variable Audio Out	N/A	N/A	N/A	N/A
	Variable Audio Out Volume Control	N/A	N/A	N/A	N/A
	Video Out	N/A	N/A	N/A	N/A
	RJ12	1/0	1/0	1/0	1/0
	RJP(For Remote Jackpack)	N/A	N/A	N/A	N/A
	Headphone ID	N/A	N/A	N/A	N/A
	Door-Eye Control	N/A	N/A	N/A	N/A
	Door-Eye Video In	N/A	N/A	N/A	N/A
	PC In (D-sub)	N/A	N/A	N/A	N/A
	PC/DVI Audio In (Mini Jack)	N/A	N/A	N/A	N/A
	Ethernet Bridge (LAN-Out)	N/A	N/A	N/A	N/A

		HE89U			
		40EE890U HG40EE890UB	49EE890U HG49EE890UB	55EE890U HG55EE890UB	65EE890U HG65EE890UB
<b>Design</b>	Front Color	Silver	Silver	Silver	Silver
	Stand Type	Y-Shape	Y-Shape	Y-Shape	Y-Shape
	Swivel (Left/Right)	N/A	N/A	N/A	N/A
<b>Dimension</b>	Set Size without Stand - Wall Mount Side (WxHxD)(mm)	TBD	TBD	TBD	TBD
	Set Size without Stand - Speaker Side (WxHxD)(mm)	903.7 x 519.8 x 54.1	1099.4 x 638.7 x 55.3	1235.2 x 715.1 x 54.7	1456.1 x 840.4 x 54.4
	Set Size with Stand (WxHxD)(mm)	903.7 x 575.2 x 304.0	1099.4 x 709.0 x 334.1	1235.2 x 786.7 x 334.1	1456.1 x 924.3 x 378.7
	Package Size (WxHxD)(mm)	1033 x 609 x 165	1275 x 733 x 163	1425 x 819 x 163	1625 x 947 x 185
<b>Weight</b>	Set Weight without Stand (kg)	9.2	14	16.9	23.2
	Set Weight with Stand (kg)	10.5	16.1	19.1	26.7
	Package Weight (kg)	12.5	21.4	25.4	34.6
<b>Accessory</b>	Remote Controller Model	TM1480A+TM1240A	TM1480A+TM1240A	TM1480A+TM1240A	TM1480A+TM1240A
	Batteries (for Remote Control)	Yes	Yes	Yes	Yes
	Samsung Smart Control (Included)	Yes	Yes	Yes	Yes
	Ultra Slim Wall Mount Support	N/A	N/A	N/A	N/A
	Mini Wall Mount Support	Yes	Yes	Yes	Yes
	VESA Wall Mount Support	Yes	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes	Yes
	Data Cable	Yes	Yes	Yes	Yes
	Stand Mount Kit	N/A	N/A	N/A	N/A
	Security Screws	N/A	N/A	N/A	N/A
Angle Adaptor (for Side RF tuner)	N/A	N/A	N/A	N/A	

Samsung HE89W Series Hospitality Displays



# Samsung Hospitality Display with Manageability - HE89W

Unleash all the possibilities that hospitality display can offer including Ultra High Resolution and advanced technologies with sophisticated Real Metal Bezel design

- The High-end flagship displays with sophisticated design and guest-centric capabilities ideal for luxury hotels
- Provide a More Memorable, Upscale Guest Experience through UHD Resolution
- Slim, stylish and exclusive real metal bezel design adds ambience to the hotel room while maintaining guests' focus on on-screen content
- Simplified management of hundreds of in-room displays through the LYNK REACH 4.0 solution's centralized server
- Deliver in-room content with heightened security through integrated LYNK DRM functionality
- Display and enjoy content from compatible personal devices through wireless content sharing

Basic Feature		Hospitality Solution			Convenience Feature		Security		Content Sharing		
Screen Size	Resolution	Home Menu	LYNK™ REACH 4.0	LYNK™ HMS	Multi-code remote control	Improve Plug and Play	LYNK™ DRM	Security Mode	Bluetooth Music Player	Smart View	Screen Mirroring

55", 65"	3,840 x 2,160	•	•	•	•	•	•	•	•	•	•
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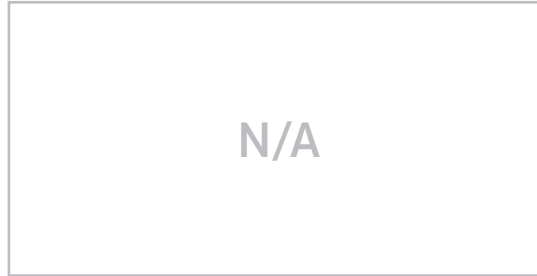
## Specifications

55", 65"



- HG55EE890WB
- HG65EE890WB

## Connectors



1. USB(5V 0.5A)
2. USB (HDD 1.0A) CLONING
3. DIGITAL AUDIO OUT(OPTICAL)
4. HDMI IN1 (ARC)
5. HDMI IN2
6. DATA
7. LAN
8. COMPONENT IN / AV IN
9. ANT IN

		55EE890W HG55EE890WB	65EE890W HG65EE890WB
<b>Display</b>	Backlight	LED	LED
	Inch	55	65
	Resolution	3,840 × 2,160	3,840 × 2,160
<b>Video</b>	Picture Engine	UHD Up-Scaling	UHD Up-Scaling
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast
	Micro Dimming	UHD Dimming	UHD Dimming
	Active Crystal Color	Yes	Yes
	Wide Color Enhancer (Plus)	N/A	N/A
	Auto Motion Plus	Yes	Yes
	Film Mode	Yes	Yes
<b>Audio</b>	Dolby Digital Plus	Yes	Yes
	Virtual Surround	N/A	N/A
	DTS Codec	Yes	Yes
	Sound Output (RMS)	20W(L:10W, R:10W)	20W(L:10W, R:10W)
	Speaker Type	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)
	Wallmount Sound Mode	Yes	Yes
	TV SoundConnect	Yes	Yes
<b>SMART TV</b>	BT Headset Support	Yes	Yes
	Smart TV Type	Smart	Smart
	Apps Panel	Yes	Yes
<b>VESA Standard</b>	Web Browser	Yes	Yes
	VESA Mount (mm)	400x400	400x400
<b>Smart Interaction</b>	VESA Screw Size	M8	M8
	Voice Control	Yes	Yes
<b>Convergence</b>	TV to Mobile - Mirroring	N/A	N/A
	Mobile to TV - Mirroring, DLNA	Yes	Yes
	Samsung SMART View	Yes	Yes
<b>Differentiation</b>	Sports Mode	Yes	Yes
	All Care Protection	N/A	N/A
<b>Feature</b>	Samsung 3D	N/A	N/A
	Processor	Quad Core	Quad Core
	Accessibility	Accessibility (Voice guide/ Enlarge/ High contrast)	Accessibility (Voice guide/ Enlarge/ High contrast)
	Digital Clean View	Yes	Yes
	Auto Channel Search	Yes	Yes
	Auto Power Off	Yes	Yes
	BD Wise Plus	Yes	Yes
	Caption (Subtitle)	Yes	Yes
	ConnectShare™ (HDD)	Yes	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes
	EPG	Yes	Yes
	Game Mode	Yes	Yes
	OSD Language	27 European Languages	27 European Languages
	Picture-In-Picture	Yes	Yes
	BT HID Support	Yes	Yes
	USB HID Support	Yes	Yes
	Teletext (TTX)	Yes	Yes

		HE89W	
		55EE890W HG55EE890WB	65EE890W HG65EE890WB
Hospitality Feature	Samsung LYNK™ SINC Compatibility	Yes	Yes
	Samsung LYNK™ HMS Compatibility	Yes	Yes
	H.Browser	Yes	Yes
	Samsung LYNK™ REACH (IP)	REACH 4.0	REACH 4.0
	Samsung LYNK™ REACH (RF)	REACH 4.0	REACH 4.0
	Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes
	Hospitality Home Menu	Home Menu 2015	Home Menu 2015
	Bluetooth Music Player (Mobile → TV)	Yes	Yes
	Hospitality Plug&Play(Easy Setup)	Yes	Yes
	Auto Source Mode	Yes	Yes
	Power On Mode	Yes	Yes
	Hotel Channel List	Yes	Yes
	Channel Menu Display	Yes	Yes
	Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes
	My Channel	Yes	Yes
	Energy Saving Mode (BLU control)	Yes	Yes
	Logo Display with Timer Out Setting (BMP/Movie)	Yes	Yes
	Welcome Message	Yes	Yes
	RJ12/IR pass through	Yes	Yes
	External Clock Compatibility	N/A	N/A
	Clock Back Up Supply	Yes	Yes
	External Clock Dimming Control	N/A	N/A
	Software Clock	Yes	Yes
	Multi Code Remote control	Yes	Yes
	Screwed Battery Cover	Yes	Yes
	Sound Bar Compatibility	Yes	Yes
	Music Mode (Input: PC/AV/Component/HDMI)	Yes	Yes
	Music Mode Backlight on/off	Yes	Yes
	TTX Clock Update (Analogue)	Yes	Yes
	USB Cloning	Yes	Yes
	Smovie Compatibility	Yes	Yes
	Soft AP	Yes	Yes
	On/Off Timer (Schedule)	Yes	Yes
	Wake-up Timer (Alarm)	Yes	Yes
Samsung LYNK™ DRM	Yes	Yes	
Pro:Idiom	N/A	N/A	
bLAN	N/A	N/A	
Security Mode	Yes	Yes	
S/W EPG (Solution EPG)	Yes	Yes	
Wake on LAN (WOL)	Yes	Yes	
IPOver Coax	N/A	N/A	



	55EE890W HG55EE890WB	65EE890W HG65EE890WB	
<b>System</b>	Digital Broadcasting	DVB-T2/C/S2	DVB-T2/C/S2
	Analog Tuner	Yes	Yes
	CI (Common Interface)	CI+(1.3)	CI+(1.3)
	Data Broadcasting	HbbTV(CZ,SK,PL,DE,AT,CH,FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV(CZ,SK,PL,DE,AT,CH,FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP
<b>Input &amp; Output</b>	HDMI	2/0	2/0
	USB	2/0	2/0
	Component In (Y/Pb/Pr)	1/0	1/0
	Composite In (AV)	1/0 (Common Use for Component Y)	1/0 (Common Use for Component Y)
	Ethernet (LAN)	1/0	1/0
	Headphone	N/A	N/A
	Audio Out (Mini Jack / LR)	N/A	N/A
	Digital Audio Out (Optical)	1/0	1/0
	RF In(Terrestrial / Cable input / Satellite Input)	2/0	2/0
	Ex-Link ( RS-232C )	N/A	N/A
	CI Slot	0/1	0/1
	Scart	N/A	N/A
	HDMI A / Return Ch.Support	Yes	Yes
	Wireless LAN Built-in	Yes	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes
	Pillow Speaker Jack	N/A	N/A
	Variable Audio Out	N/A	N/A
	Variable Audio Out Volume Control	N/A	N/A
	Video Out	N/A	N/A
	RJ12	1/0	1/0
	RJP(For Remote Jackpack)	N/A	N/A
	Headphone ID	N/A	N/A
	Door-Eye Control	N/A	N/A
	Door-Eye Video In	N/A	N/A
	PC In (D-sub)	N/A	N/A
	PC/DVI Audio In (Mini Jack)	N/A	N/A
	Ethernet Bridge (LAN-Out)	N/A	N/A

		HE89W	
		55EE890W HG55EE890WB	65EE890W HG65EE890WB
<b>Design</b>	Front Color	Silver	Silver
	Stand Type	Y-Shape	Y-Shape
	Swivel (Left/Right)	N/A	N/A
<b>Dimension</b>	Set Size without Stand - Wall Mount Side (WxHxD)(mm)	TBD	TBD
	Set Size without Stand - Speaker Side (WxHxD)(mm)	1232.0x714.5x97.3	1450.8x839.9x114.9
	Set Size with Stand (WxHxD)(mm)	1232.0 x 786.1 x 334.0	1450.8 x 923.4 x 378.7
	Package Size (WxHxD)(mm)	1360 x 819 x 185	1590 x 947 x 205
<b>Weight</b>	Set Weight without Stand (kg)	16.9	23.3
	Set Weight with Stand (kg)	18.9	26.9
	Package Weight (kg)	25.4	35
<b>Accessory</b>	Remote Controller Model	TM1480A+TM1240A	TM1480A+TM1240A
	Batteries (for Remote Control)	Yes	Yes
	Samsung Smart Control (Included)	Yes	Yes
	Ultra Slim Wall Mount Support	N/A	N/A
	Mini Wall Mount Support	Yes	Yes
	VESA Wall Mount Support	Yes	Yes
	Power Cable	Yes	Yes
	Quick Install Guide	Yes	Yes
	Data Cable	Yes	Yes
	Stand Mount Kit	N/A	N/A
	Security Screws	N/A	N/A
Angle Adaptor (for Side RF tuner)	N/A	N/A	

## NOTE.

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## For more information

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[www.samsung.com/displaysolutions](http://www.samsung.com/displaysolutions)



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