Specifications

		32	43
DISPLAY	Type	Slim Direct	
	Resolution	1,920 x 1,080 (FHD)	
	Brightness	300cd/m²	
	Dynamic Contrast Ratio	1,000,000:1	
	Static Contrast Ratio	1,200:1	
	Viewing Angle Degree	178° / 178°	
BROADCASTING SYSTEM	Analog	PAL/SECAM	
	Digital	DVB-T2/C/S2	
VIDEO	Triple XD Engine	•	
	Real Cinema 24p (3:3 Pull down)	•	
	Aspect Ratio	6 modes (16:9, Original, 4:3, Vertical Zoom, All-Direction Zoom, Just Scan)	
AUDIO	Audio Output / Speaker System	10W + 10W / 2.0 ch	
	Sound Mode	6 modes (Standard, Cinema, Clear Voice III, Sports, Music, Game)	
	Clear Voice	•	
GENERAL FEATURES	Pro:Centric® — Type	Pro:Centric SMART	
	Pro:Centric Application	PCA 3.7 or below	
	RF (1/2 Tuner)	1 Tuner	
	HCAP (SDK)	GEM / Flash / HTML5	
	Smart Features	Commercial Smart Home, Web Browser, Magic Remote Option, Soft AP	
	Management	Remote Diagnostics / EZ-Manager (for Initial Configuration)	
	Interactivity	HTNG / HDMI-CEC	
	Connectivity	WiDi, Smart Mirroring, WiFi Direct, DIAL, Bluetooth Sound Sync.	
	RJP Compatibility	LG / Teleadapt (RS232C), Teleadapt / Guestlink (HDMI CEC)	
	Advanced Setting Option	Auto Off / Auto Sleep, Smart Energy Saving, Motion Eye Care	
	Anti-theft System	Kensington Lock, Credenza / Security Screw Hole, Lock Down Plate, Commercial Swivel Stand	
COMMERCIAL FEATURES		Welcome Screen, One Channel Map, Hotel Mode, Lock Mode, IR Out, USB Cloning, Multi IR Code, Instant On, TV Link Interactive, External Speaker Out, SNMP	
INTERFACE	Side	HDMI In, USB 2.0 (2), CI Slot	
	Rear	RF In (2), AV In, HDMI/HDCP Input, RS-232C, Headphone Out, LAN Port, External Speaker Out (2)	
CABINET (Unit : mm)	Bezel Width (L/R, U, B) : on bezel based	14.1, 13.6, 19.1	12.1, 12.1, 15.1
	Bezel Width (L/R, U, B) : off bezel based	11.6, 11.1, 16.6	9.8, 9.8, 12.8
	Vesa	200 X 200	
	WxHxD / weight (w/o stand)	733 x 436 x 72.2 (SPK 76.3) / 5.32kg	974 x 571 x 70.3 (SPK 79.4) / 9.2kg
	WxHxD / weight (with stand)	733 x 490 x 282 / 8.17kg	974 x 619 x 325 / 12.6kg
	WxHxD (Carton)	812 x 520 x 190	1,060 x 660 x 152
POWER	Voltage, HZ	100~240V, 50 / 60 Hz	
	Max (Watts)	73.1	103.3
	Typical (Watts)	59.6	77.2
	Stand-by (Watts)	0.3↓	
	Energy Saving (Min)	47.7	61.8
	Energy Saving (Med)	32.8	42.6
	Energy Saving (Max)	17.9	23.2
STANDARD APPROVAL	Safety	CB, CU TR	
	Environment	CE	
	Etc.	ROHS, ErP, Eco Flower (EU Only)	
	Eco — ErP Class	A+	A++
	On Power Consumption	28W	34W
	Luminance Ratio (%)	65	
	Mercury Content (mg)	0	
	Presence of Lead	Yes	
	Average Annual Consumption	41kwh	50kwh

Pro:Centric® SMART

An Affordable Smart Solution With Commercial Swivel Stand

Deliver intuitive and entertaining experience to guests with LG's interactive solution, Pro:Centric SMART, especially designed for the hospitality environment. The LW641H series enable guests to connect portable devices and enjoy their own content through media sharing functions, and provide Commercial swivel stand which improves comfort and security by preventing stealing.

LW641H

• Pro:Centric® Smart

• webOS 3.0

• Swivel Stand

• Bluetooth Sound Sync

• External Speaker Out

screen size

32", 43"

Key Features

Smart Customization

Create your own solution along with LG's smart customization tools and content management software. With the tailored solution, hotel can elevate their brand to new levels.

Features
• Pro:Centric Smart SDK (HTML5, Java, Flash)
• Pre-loaded Apps

Smart Connectivity

Cross display boundaries freely and without hassle. With LG Smart Share, mirroring and content sharing between TV and other smart devices are made incredibly easy and user-friendly.

Features
• WiDi (Intel Wireless Display)
• Smart Share (Smart Mirroring), WiFi Direct, DIAL, Bluetooth Sound Sync

Intuitive Experience

The webOS platform provides easy and convenient tools to create contents. Also, its intuitive user interface and fast response time offer incredible user experiences.

Features
• webOS 3.0 & Magic Remote (Ready)

Hospitality Features

Commercial Grade Stand
Expand the range of comfort for guests with a commercial grade stand. This allows guests to watch a TV from any angle. Also, for security purposes, the stand may be secured to its table.
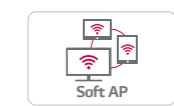
External Speaker Out
The external speaker out function lets users enjoy the external speaker in a separate place such as the bathroom.
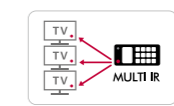
Instant On
Instant on function's high speed loading system saves and enables users to enjoy the contents immediately when they first turn on the TV.
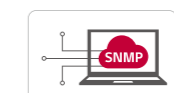
Soft AP
Soft AP means Software enabled Access Point. This "virtual" Wi-Fi feature executes by software working on the device to create a wireless hotspot.
* Soft AP should be set in installation menu after TV is on.
* Miracast may not be operated at the same time.

Multi IR
Multi IR function eliminate the remote control signal interference between TVs in multiple dwelling beds.

SNMP
SNMP (Simple Network Management Protocol) ensures convenient network management for SI and business managers.
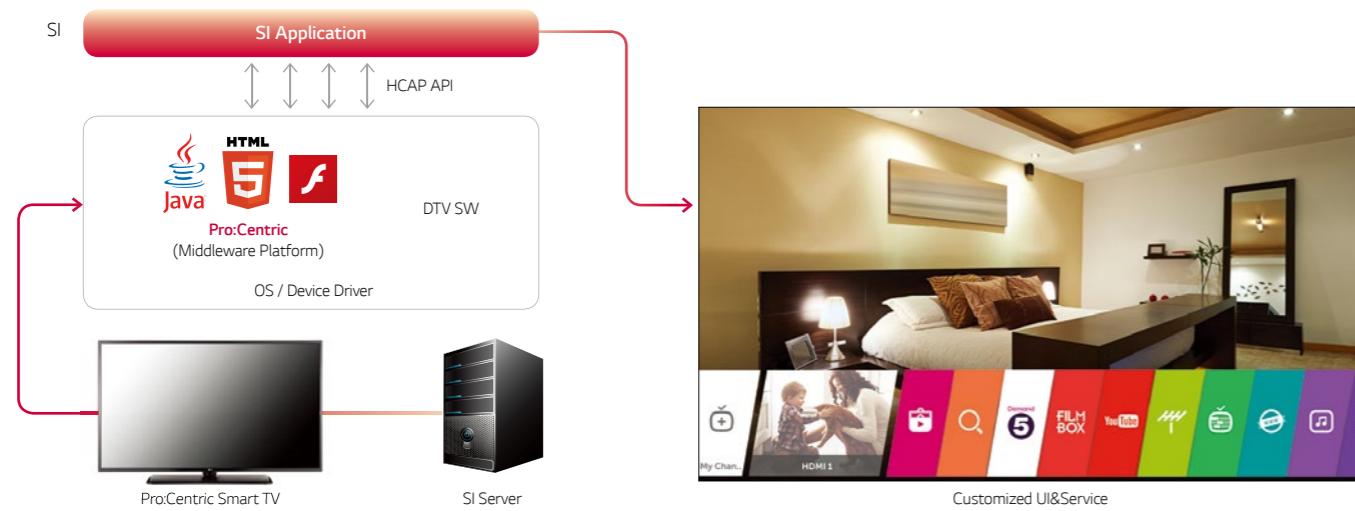
Pro: Centric Smart is an elaborate and smart mode of control and customization for commercial televisions. With the customizable tools including HTML5, Java, and Flash, users can optimize the commercial TVs according to their purposes with IP-based programs. This expansion of control provides premium hotel services to guests without the need for a set-top box. Additionally, as the Pro:Centric Smart models are compatible with Pro:Centric Server Application, you can remotely manage TVs in a centralized coaxial infrastructure you already have.
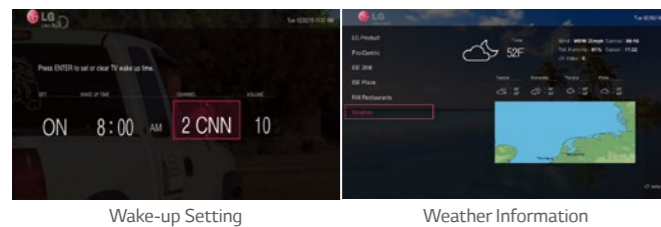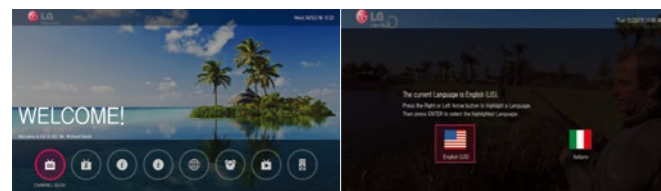
Pro:Centric Smart Application Platform

LG Pro:Centric SMART offers extended customizable tools; HTML5, Java and Flash. With these, the partners can optimize Commercial TVs to edit and develop their own enhanced service design. Also, it gives visual impact on and delivers messages to customers as users intend.

SI
SI Application
HCAP API
Java / HTML5 / Flash
Pro:Centric (Middleware Platform)
DTV SW
OS / Device Driver
Pro:Centric Smart TV
SI Server
Customized UI&Service

Pro:Centric Server Application

You can now differentiate your hotel with our customizable templates and pages which can be specialized for your property. Pro:Centric® provides you a solution that is easily customizable for your business.

Welcome Page
Language selection
Wake-up Setting
Weather Information

• Various Features

PCA serves the convenience of the guest through a Wake-up setting, Weather Information, Map Service, and much more functions that you can choose.

• Customizable Template & Page

Choose an alternative look & feel template based on your reference, and edit multiple sections with 40 pages of billboards by yourself with the web based tool.

Smart Connectivity

Smart Share

Smart Share allows users to share content more easily and quickly. It also searches for the content they want in order to share it more easily and accurately, thereby simplifying the process of sharing between various devices.

Bluetooth Sound Sync (Bluetooth 3.0)

Bluetooth Sound Sync enables users to listen to music on a mobile device through TV speakers via Bluetooth connection.
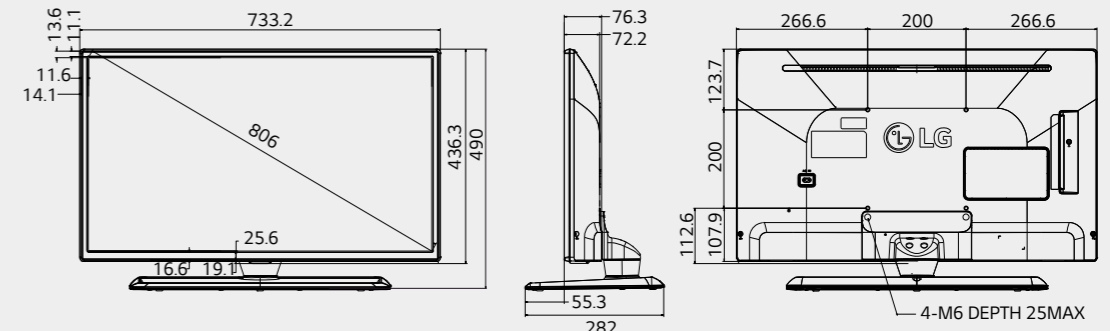
*Support devices for Bluetooth Sound Sync : Android (above v4.4 KitKat) / iOS based Mobile Device
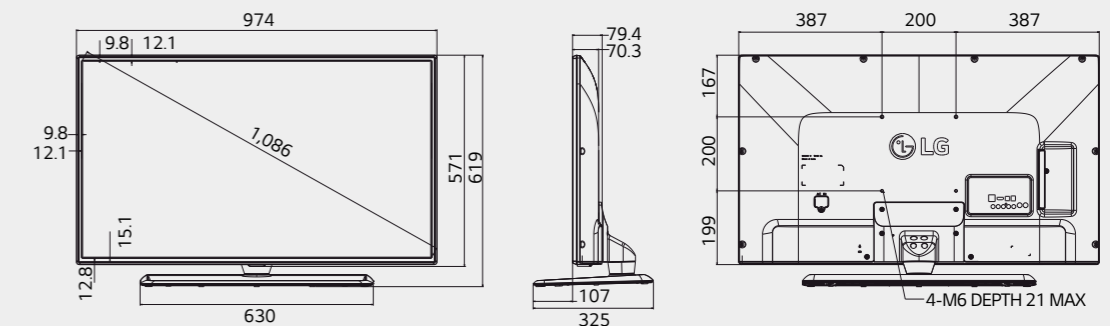
Dimensions (mm, with stand)

32"
733.2 x 490 x 282
8.2kg
*Swivel

13.6
11.1
11.6
14.1
733.2
806
436.3
490
16.6 19.1
25.6
76.3
72.2
55.3
282
266.6 200 266.6
1237
200
112.6
107.9
4-M6 DEPTH 25MAX

43"
974 x 619 x 325
12.6kg
*Swivel

9.8 12.1
974
1,086
571
619
9.8
12.1
15.1
12.8
630
79.4
70.3
107
325
387 200 387
167
200
199
4-M6 DEPTH 21 MAX

Connectivity

1. H/P OUT
2. LAN
3. HDMI IN 1
4. VOLUME CONTROL
5. STEREO
6. RS-232C IN
7. AV IN
8. LNB Satellite IN
9. ANTENNA/CABLE IN
10. HDMI IN 2
11. USB IN 1
12. USB IN 2

WARNING : To prevent TV from falling over, the TV should be securely attached to the floor/wall per installation instructions. Tipping shadding, or rocking the machine may cause injury.

SPEAKER OUT
HDMI IN 1
Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.
VIDEO L/MONO AUDIO AUDIO
AV IN
MCR66509813

HDMI IN 2 (ARC) USB IN PCMCIA CARD SLOT 32" MCR66509813
HDMI IN 2 (ARC) USB IN 1 USB IN 2 PCMCIA CARD SLOT 43" MCR66349205