Specifications

		32	43	49	55	65
DISPLAY	Type	Slim Direct LED	Edge LED			
	Resolution	1,920 x 1,080 (FHD)				
	Brightness	300cd/m²			330cd/m²	350cd/m²
	Dynamic Contrast Ratio	1,000,000 :1				
	Static Contrast Ratio	1,200 : 1				
	Response Time (G to G)	9	8	9		TBD
BROADCASTING SYSTEM	Analog	PAL / SECAM / NTSC-M				
	Digital	DVB-T2 / C / S2				
VIDEO	Triple XD Engine	•				
	Real Cinema 24p (3:3 Pull down)	•				
	Aspect Ratio	8 modes (16:9, Just Scan, Original, Full wide, 4:3, 14:9, Zoom, Cinema Zoom1)				
AUDIO	Audio Output	5W + 5W	10W + 10W			
	Speaker System	2.0 ch				
BASIC COMMERCIAL TV FEATURES		Welcome Screen, Lock Mode, One Channel Map, Multi-IR Code, Hotel Mode, Instant On, USB Cloning, IR Out, TV Link Protocol, External Power, External Clock (Ready), External Speaker Out				
GENERAL FEATURES	Pro:Centric ® — Type	Pro:Centric SMART				
	Pro:Centric ® — Data Streaming (IP & RF)	•				
	Pro:Centric ® — Pro:Centric Application	PCA 3.5				
	Pro:Centric ® — RF (1/2 Tuner)	1 Tuner				
	Pro:Centric ® — HCAP (SDK)	GEM / Flash / HTML5				
	Smart	Commercial Smart Home, Web Browser				
	Connectivity	DLNA, WiDi, Smart Mirroring, WiFi Direct, DIAL, Bluetooth Sound Sync.				
	Management	Remote Diagnosis / EzManager				
	Interactivity	HTNG / HDMI-CEC				
	Usability	Built-In WiFi , Soft AP				
	DRM	Pro:Idiom				
	RJP Interface	RS232C, HDMI-CEC				
	Advanced Setting Option	Auto Off / Auto Sleep, Smart Energy Saving, Intelligent Sensor, Motion eye care				
	Anti-theft System	Kensington Lock, Credenza / Security Screw Hole, Lock Down Plate, 1 Pole Swivel Stand (not for 65")				
INTERFACE	Side	Headphone Out, HDMI In, USB (2), CI Slot				
	Rear	RF In (2), AV In (Sharing with Composite), Composite, Digital Audio Out (Optical), HDMI, RS-232C, Clock Interface, LAN Port (2), External Speaker Out (2)				
DIMENSION	Bezel Width (L/R, U, B) : on bezel based	17mm, 14.3mm, 17.8mm	14.9mm, 12.5mm, 17.6mm		15.1mm, 12.7mm, 17.8mm	16.1mm, 15.1mm, 28.9mm
	Bezel Width (L/R, U, B) : off bezel based	14.5mm, 11.8mm, 15.3mm	12.6mm, 10.2mm, 15.3mm			13.6mm, 12.6mm, 19.3mm
	Vesa (mm)	200 x 200		300 x 300		
	W x H x D (mm, w/o stand)	734 x 438 x 55.3	973 x 573 x 37 (SPK 55.1)	1,106 x 647 x 37 (SPK 55.1)	1,242 x 724 x 37 (SPK 55.1)	1,461 x 848 x 39 (SPK 57.3)
	W x H x D (mm, with stand)	734 x 488 x 282	973 x 624 x 325	1,106 x 701 x 325	1,242 x 780 x 325	1,461 x 899 x 294
POWER	Voltage, HZ	100~240V, 50 / 60 Hz				
	Max (Watts)	75.3	106.2	108.2	121.4	152.4
	Typical (Watts)	62.9	83.4	77.6	98.6	128
	Energy Saving (Min, Watts)	41.1	53.9	59.8	60.9	79.1
	Energy Saving (Med, Watts)	32.1	39.6	44.4	42.7	55.5
	Energy Saving (Max, Watts)	21.8	23.7	27.3	29	37.7
	Stand-by (Watts)	0.22	0.27	0.22		0.23
STANDARD APPROVAL	Safety	CB				
	Environment	CE				
	Etc.	ROHS				

Connectivity

❶ AUX LAN
❷ LAN
❸ VOLUME CONTROL
❹ STEREO(8Ω)
❺ OPTICAL DIGITAL AUDIO OUT

❻ HDMI IN 1(ARC)
❼ CLOCK
❽ RS-232C IN (CONTROL & SERVICE)
❾ AV IN
❿ LNB Satellite IN

⓫ ANTENNA/ CABLE IN
⓬ H/P OUT
⓭ HDMI IN 2
⓮ USB IN 1
⓯ USB IN 2

SPEAKER OUT
AV IN
HDMI IN 1
HDMI IN 2
▼ PCMCIA CARD SLOT ▼
32"
43"– 65"

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

13/18V 700mA Max LNB Satellite IN

For DTS patents, See http://patents.dts.com
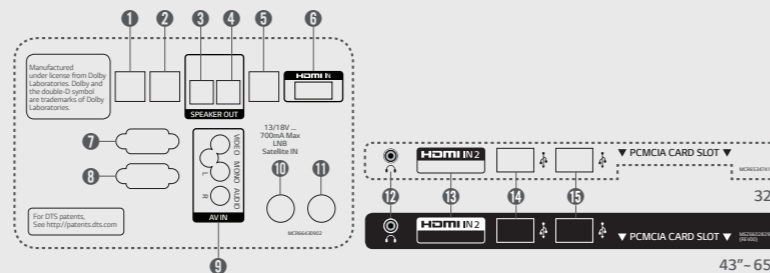
More info www.lgecommercial.com
youtube.com/c/LGECommercialDisplay

LG Life's Good

The Smart Solution for a Comfortable Stay
Pro:Centric Smart **LW731H**

Provide your guests with the smart solution for a better hotel stay. Stunning design improves the ambience in any hotel room while innovative TV technology offers customers easy-to-use and extensive options to improve their stay.

65"

32" / 43" / 49" / 55"

LW731H

Pro : Centric Smart (webOS 2.0)
• Easy Customization, SDK (HTML5, Java, Flash)

Smart Connectivity
• DLNA, WiDi, Smart Mirroring, WiFi Direct

Easy Management & Usability
• Fast Booting Time ,Pro:Idiom, DIAL, EzManager, Remote Diagnostics, Magic Motion Remote Ready

Key Features

webOS 2.0

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
• Simple Customization
• Simple Connect
• Simple Management

Smart Customization
Users are able to select the apps and edit their own home menu with LG smart customization tools. It provides extended entertainment and convenience for guests.

Features
• Pro : Centric Smart SDK (HTML, Java, Flash)
• Preloaded Applications
• History Auto Delete

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

Features
• WiDi (PC to TV)
• Smart Mirroring (Mobile to TV)
• Bluetooth Sound Sync

Hospitality Features

Welcome To LG Hotel
Welcome Screen

Welcome Screen
Have a warm greeting message with a hotel name and its logo on the TV. Welcome screen leaves a favorable impression of the hotel on customers.

1~2 sec
Instant ON

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.

External Speaker Out

External Speaker Out
The external speaker out function lets users enjoy the external speaker in a separate place such as the bathroom.

USB CLONING

USB Cloning
Clone all commercial TVs with astonishing speed and ease. The USB Cloning feature allows you to simply copy the TV settings to all TVs in hotel rooms using a USB stick, a process that is fully automated to save time without having to set each TV individually.
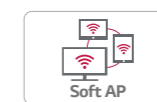
Soft AP

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.

* Hospitality features available without the use of the Pro:Centric® Server.

LG Life's Good
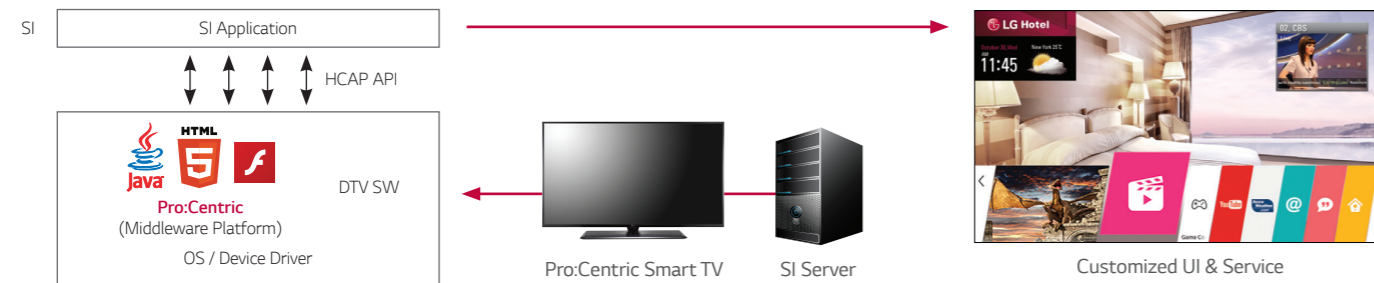
Pro:Centric Smart Features

Pro:Centric Smart SDK

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 / HTML 5 / Flash

Pro:Centric
(Middleware Platform)

DTV SW

OS / Device Driver

Pro:Centric Smart TV   SI Server

Customized UI & Service

Enhanced Customer Experience

Personalize the page with the Pro : Centric® Applications(PCA) which improves guests' in-room experience as well as providing a variety of additional features conveniently just for your customers

Welcome Page   Language selection
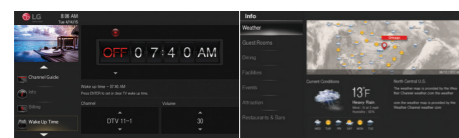
Wake-up Setting   Weather Information

• Personalized Pages

When linked with the Property Management System, it provides a Welcome Page with the guest name, Auto Language Setting and Billing information with the guest's name.

• Various Additional 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.

Easy Content Creation & Management

Pro:Centric® allows you to create your own contents and manage up to 8 hotel channels which can be specialized for your property. It provides you a solution that easily cutomizable for your Hotel Service.
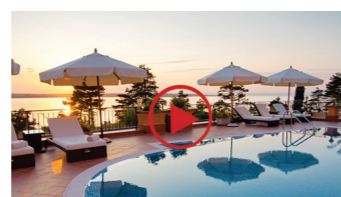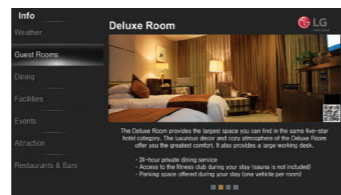
• Customizable Pages

8 sections with 40 pages of billboards can be made with the web based editing tool.

• Hotel Channel Spooling

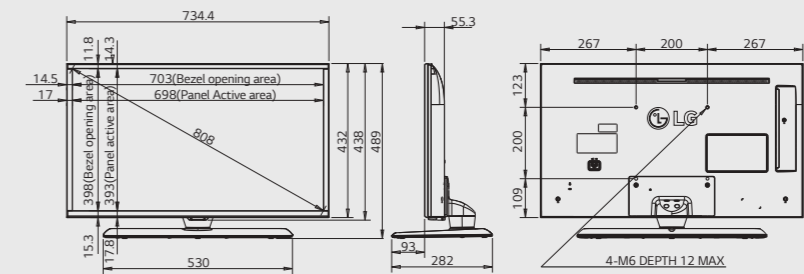Operation of up to 8 hotel channels can offer various information and added services.

Dimension (mm, with stand)
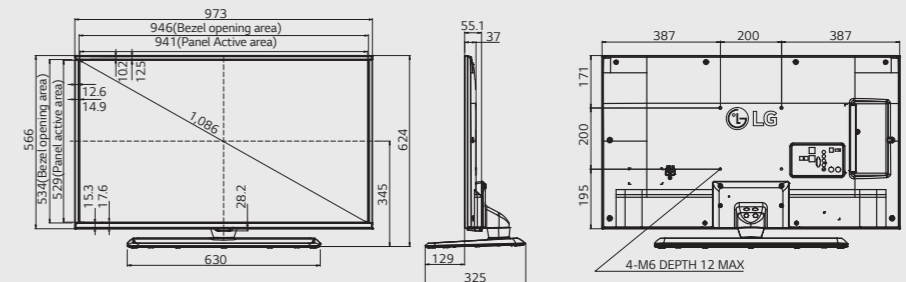
32"
734 x 489 x 282
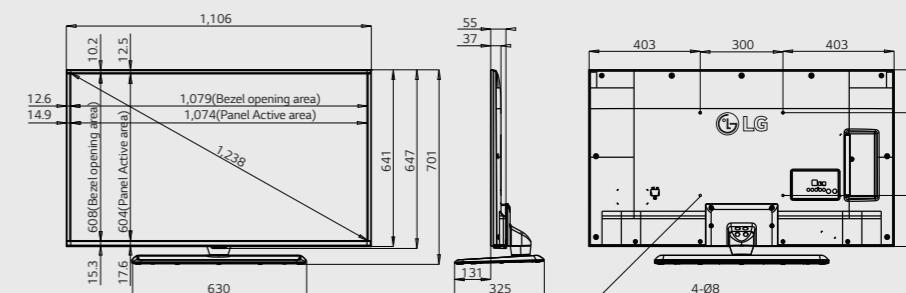8.2kg
*Swivel

43"
973 x 624 x 325
13.6kg
*Swivel

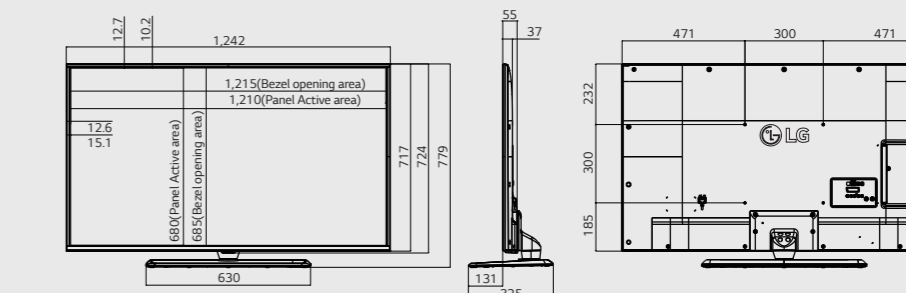### 49"
1,106 x 701 x 325
17.8kg
*Swivel

55"
1,242 x 780 x 325
21.1kg
*Swivel

65"
1,461 x 899 x 294
34Kg