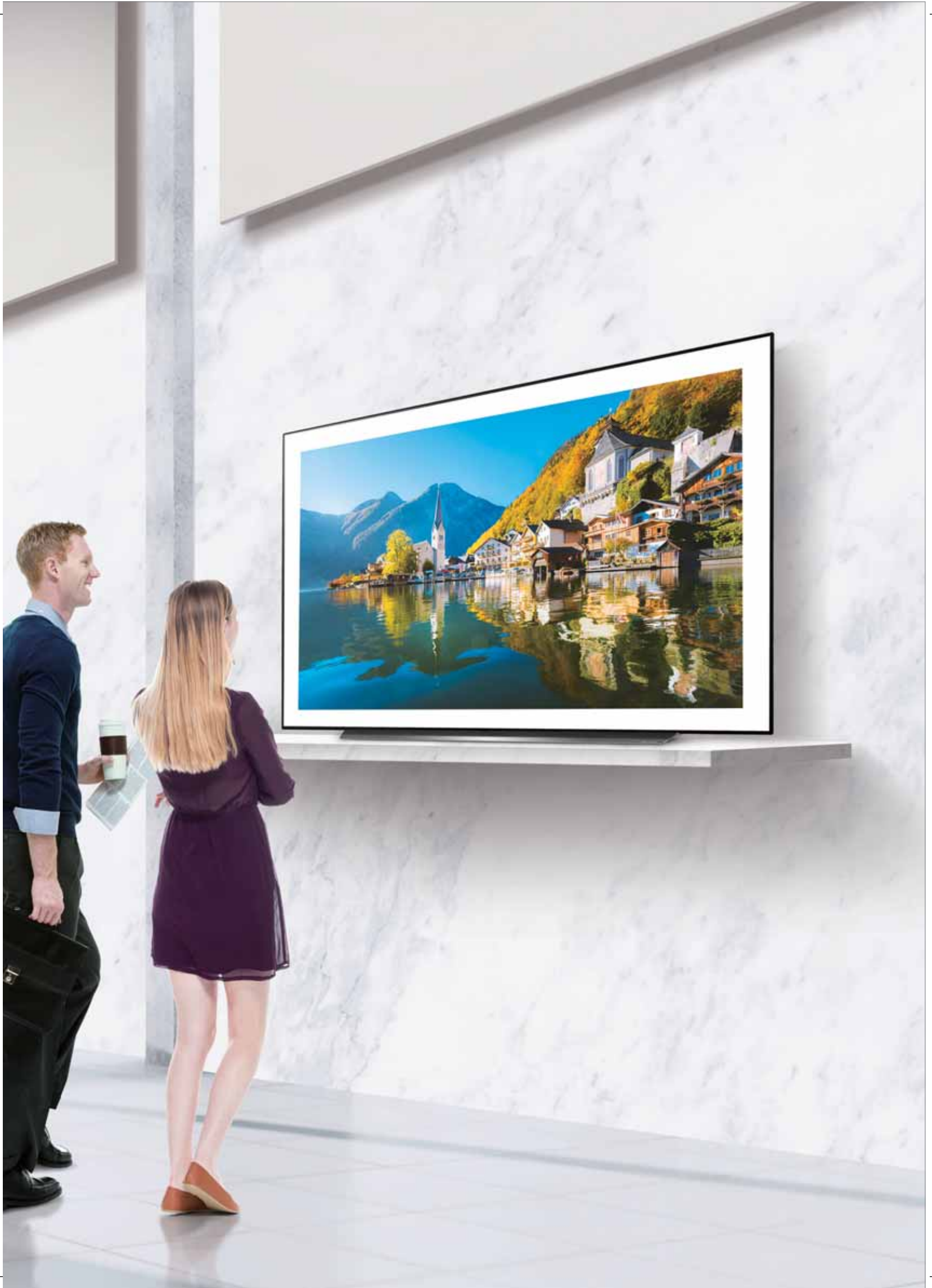# LG COMMERCIAL TV
2021 INFORMATION DISPLAY AND SOLUTIONS

True partner of the hospitality industry with unrivaled technology _____

LG commercial TVs' innovative technology is designed to meet the demands of the hospitality industry. As a true partner of the field, LG seeks to elevate the industry standards of the service quality. Ranging from hotel employees to customers, LG keeps providing revolutionary ultra-slim designs, screen quality, and cutting-edge OLED & IPS technology to redefine luxury and comfort.

CONTENTS

ET961H

* Actual product may differ from the image.

LG
COMMERCIAL TV
HIGHLIGHTS

OLED Technology & Design

LG Commercial TV is created with the innovative OLED technology that redefines the possibility of display design and image quality. Direct light emission from OLED pixels eliminate backlighting so that it can allow the ultra-slim design and richer colors with vivid accuracy. Based on this revolutionary technology, LG has developed the OLED wallpaper of astounding and eye-catching designed ultra-thin panel which fits in any space.

UHD Resolution Models with IPS Panel

While once a preserve for premium TV displays, UHD resolution is now the standard and essential for enriching the in-room experience. LG has been leading the industry with a series of UHD models to maximize customer satisfaction. Most LG TVs adopt an LG IPS panel, to deliver clear content with wide viewing angles, regardless of the viewer's position. Each pixel in the IPS panel reproduces realistic colors without distortion, providing immersive view.

* Available lineup may vary by region.

US761H

ET961H

* Actual product may differ from the image.

Voice Recognition

From smooth interaction to constant user experience, LG is stepping ahead with its voice recognition tech to lead the commercial TV market, making users easily control LG TVs. Although the technology is still at an early stage, LG has developed stable solutions to substantially enhance product and service competitiveness; ultimately ensuring a successful future of your business.

* TV Smart Control, Server Based control, Magic Motion Remote is required (sold separately)

New Quick Menu

Enjoy LG's simple home menu solution. It provides editable welcome message, date/time and other frequently used menus in the form of bar. These can be all set with a remote control or USB, and guests are able to easily access the menus they want improving satisfaction of their stay. The new Quick menu (Ver 3.0) with many new features like Hotel Promotional Video creation tool, and Quick Manager allows for easy information distribution throughout the same network without a server or USB cloning function.

Using 4 Templates
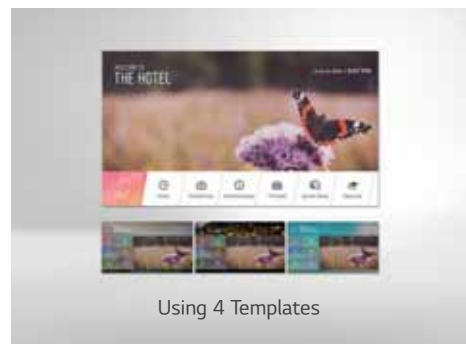
* Picture shown is for illustration purpose only.

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LG Pro:Centric SMART with OLED

A Premium Smart Solution via IP & RF network

ET961H

Pro:Centric SMART is optimized for customizing hospitality services for
hotel brands and guests through an IP & RF infrastructure.
With its high picture quality, sophisticated design and advanced connectivity functions, it upscales
in-room entertainment and increases convenience through implementation of high-end technology.

Why OLED Technology?

Perfect Black. Intense Color

LG OLED TV provides richness in all colors, boasts aesthetic touch of nature, and lifelike vision. Equipped with over 8 million self-lighting pixels operating individually, the product completes the Perfect Black.

Conventional TV   LG OLED TV

Picture-on-Glass, the Artistic Esthetics

Furnished with sleek design, the product takes its artistic aspect to the next level. As the need for distinct elements like a bezel has been eliminated, the refined but aesthetically breathtaking design intensifies the viewing experience.

* ET961H series has a single-pole stand.

OLED Gallery Mode

OLED Gallery Mode

Bring the wonders of the world to your hotel space with OLED Gallery Mode. From photographs of beautiful places to world-renowned artworks, Gallery Mode provides a great selection of beautiful images and videos. Stunning contents create a perfect atmosphere that suits your visitor's mood.

4K Cinema HDR

4K Cinema HDR

LG 4K Cinema HDR offers the filmmaker's vision by use of HDR formats. Now, a unique cinematic experience is available at hotel rooms with Dolby Vision™ and HDR10.

ET961H   65

• Resolution : 3,840 x 2,160 (UHD)
• HDR10 Pro
• Solution : Pro:Centric SMART / Direct
• OLED Hotel TV
• Dolby Vision™ HDR
• Dolby Atmos®

*Pro:Centric Direct is an Application Platform or a TV Middleware of LG, specially designed for versatile commercial application in hospitality industry.

US761H

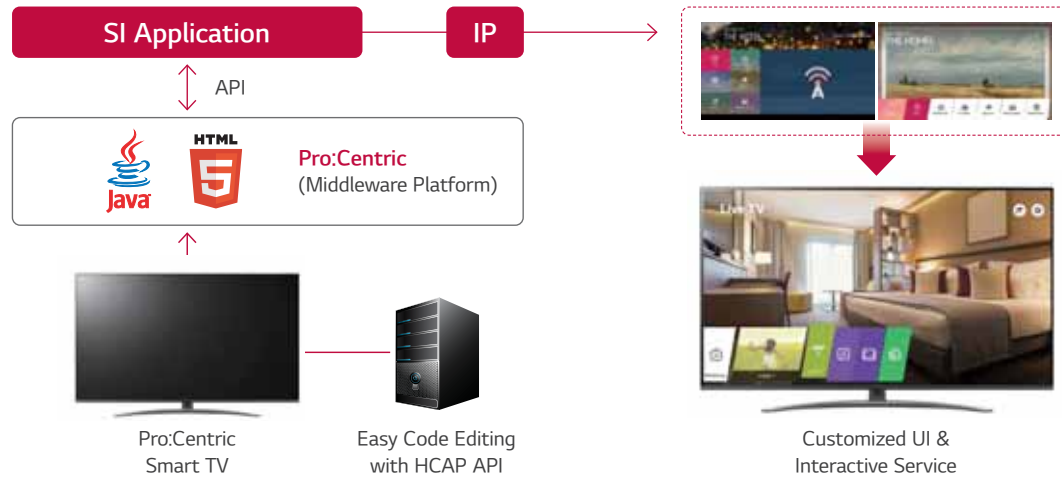# LG Pro:Centric SMART

A Premium Smart Solution via IP & RF network

Pro:Centric SMART is optimized for customizing hospitality services for
hotel brands and guests through an IP & RF infrastructure.
With its high picture quality, sophisticated design and advanced connectivity functions, it upscales
in-room entertainment and increases convenience through implementation of high-end technology.

Pro:Centric SMART Application Platform (IP)

LG Pro:Centric SMART offers extended customizable tools; HTML5, GEM. 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 Application | IP |

API

Pro:Centric
(Middleware Platform)

Pro:Centric
Smart TV

Easy Code Editing
with HCAP API

Customized UI &
Interactive Service

* Customized UI may differ.

Pro:Centric Application (RF)

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 |
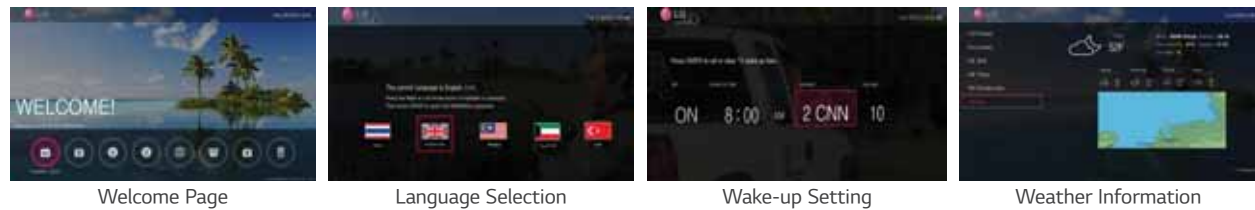
Various Features

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

* Customized UI may differ.

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.

Pro:Centric Direct (IP & RF)

Personalize the guest room television experience with the Pro:Centric Direct, which is a hotel content management system that supports simple editing tools and provides guests' access to a variety of additional features, such as an interactive Electronic Program Guide (EPG), weather forecast and customized electronic billboards for information on hotel amenities. These are all conveniently presented through the on-screen menus and controlled by their TV remote control. With this solution, users can easily edit the user interface, provide customized service, and efficiently manage all TVs.

| SI | Editing Content
with Pro:Centric Direct | Server | IP or RF |
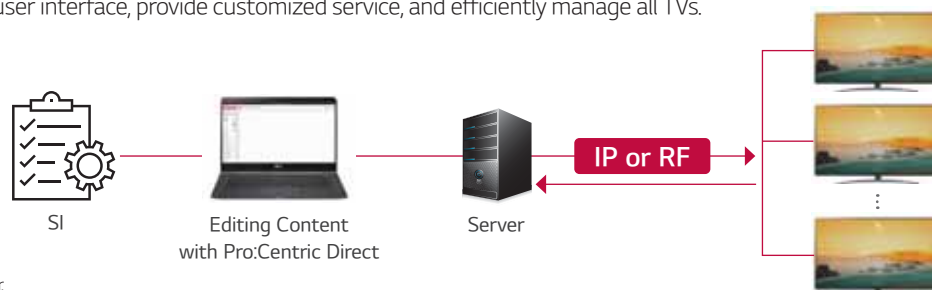
* Actual UI may differ.

NanoCell Technology
* Only US761H is supported now.

Nano Color

LG NanoCell TV reproduces true color by applying about 1nm nanoparticles that filter dull color.

* Available NanoCell TV lineup may vary by region.

US761H

Nano Bezel

The minimalist design of the Nano Bezel makes you absorbed in the picture.

Nano Accuracy

Nano Accuracy technology enables seamless, smooth motion with low input lag and offers a realistic visual experience with a wide viewing angle.

Nano Slim

Slim & modern design harmonizes with your space.

UHD TV

4K Resolution

UHD is the future of digital pictures, delivering
a higher resolution four times than that of Full HD.
The stunning 8.3 million pixels offers a flawless
picture quality and incredibly vivid detail.

Smart DRM

Pro:Idiom

DRM (Digital Right Management) technology
unlocks access to premium content to help assure
rapid and broad deployment of HDTV and other
high value digital contents.

Decryption

Bluetooth Audio Playback

Bluetooth Audio Playback enables users to listen
to music on a mobile device through TV speakers
via Bluetooth connection.

* Support devices for Bluetooth Audio Playback :
  Android (above v4.4 KitKat) iOS based Mobile Device.

Smart Experience

webRTC Ready

webRTC allows guests to look and communicate without visiting each other's rooms with video calling, video chat and P2P (Person-to-Person) file sharing.

* Separate server or SI's webRTC-based telecommunication solution is required for telecommunication between two TV sets.

SoftAP

SoftAP is a Software enabled Access Point, which allows the device to create a wireless hotspot.

* SoftAP should be set in installation menu after TV is on.
* Smart Mirroring may not be operated at the same time.

Smart Management

Remote Diagnostics

Save big expenses with the management of commercial TV with Remote Diagnostics. Real-time Remote Diagnostics reports and detects error early in advance to prevent TVs from malfunctioning.

Admin

Wake On LAN

Turn on TVs or PCs connected to the network, by transferring a network message with WOL.

WOL
Control

Features

EzManager

EzManager provides a convenient installation function to automatically set settings for the Pro:Centric TV without any extra configuration. Auto-installation requires 1~3 minutes, while manual installation requires 3~5 minutes.

Instant On

The high speed loading system enables users to enjoy content immediately after turning on the TV.

1~2 Sec

External Clock

Easily attach an external clock to your hospitality TV. Guests can quickly check the time just by looking at the TV, and all it needs is an RJ12 interface connection.

One Channel Map

The One Channel Map feature allows users to edit and list the channels of their choice from any of the various broadcasting signals.

Features

Commercial Swivel Stand

Expand the range of comfort for the guests with a commercial grade stand by allowing them to watch a TV from any angle.

20°   **20°**

Quick Menu

Enjoy LG's simple home menu solution. It provides editable welcome message, date/time and other frequently used menus in the form of bar. These can be all set with a remote control or USB, and guests are able to easily access the menus they want improving satisfaction of their stay. The new Quick menu (Ver 3.0) with many new features like Hotel Promotional Video creation tool, and Quick Manager allows for easy information distribution throughout the same network without a server or USB cloning function.

Using 4 Templates
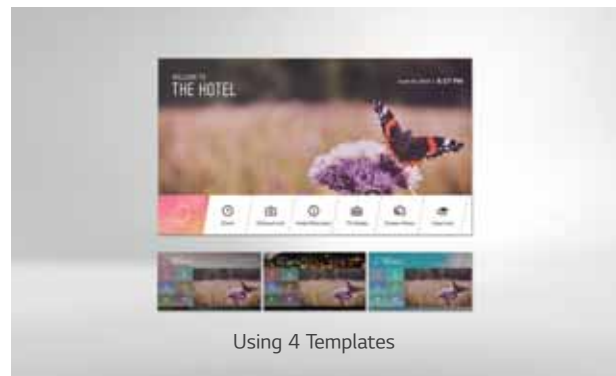
Conformal Coating

It is inevitable that TVs in hotels or resorts can be exposed to environments with Na (Salt), dust, iron powder and humidity during operations, which may take unwanted effect on the products over time. Conformal coating on major circuit board (Power board) eliminates the risks from such environments by protecting it against Na (Salt), dust, iron powder, humidity, etc.

* Actual images(In-screen of TV) available may differ from the above simulated ones.

Salty Environment

Humid Environment

With Conformal Coating

Without Conformal Coating

US761H   65 55 49

• Resolution : 3,840 x 2,160 (UHD)
• NanoCell Technology
• HDR10 Pro, HLG
• Slim Design
• Solution : Pro:Centric SMART / Direct
• Smart Connectivity: SoftAP / Screenshare

UT781H   43

• Resolution : 3,840 x 2,160 (UHD)
• HDR10 Pro, HDR DOLBY, HDR HLG
• Ultra Slim Design
• Solution : Pro:Centric SMART / Direct
• Smart Connectivity: SoftAP / Screenshare

US660H   65 55 50 43

• Resolution : 3,840 x 2,160 (UHD)
• HDR10 Pro, HLG
• Solution : Pro:Centric SMART / Direct
• DRM : Pro:Idiom
• Voice Recognition

*Pro:Centric Direct is an Application Platform or a TV Middleware of LG, specially designed for versatile commercial application in hospitality industry.

UT640S 86 75 65 55 49 43

• Resolution : 3,840 x 2,160 (UHD)
• Crestron Connected® (Network Based Control)
• Embedded CMS (Content Management, Group Management)
• SuperSign SW Compatibility (Control / Control +, Simple
  Editor, SuperSign CMS)
• WOL (Wake On LAN), SNMP

LU640H 32

• Resolution : 1,366 x 768 (HD)
• 35W Built-in Speaker
• Smart Share / Screen Share
• Bluetooth Audio Playback

LT340C 49 43 32

• Resolution : 1,920 x 1,080 (Full HD) (43 x 49),
  1,366 x 768 (HD) (32)
• Crestron Connected® (Network Based Control)
• WOL (Wake On LAN), SNMP
• Diagnostics (USB)
• Welcome Video / Screen
• USB Auto Playback+, Time Scheduler

Peripherals

Pro:Centric Server

Simple Content Management via RF or IP Distribution Network

PCS400R

• Support IP/ RF Infrastructure
• Fully Customizable Content with Intuitive Template
• Remote and Channel Management
• Interactive Service and Advertisement

• Support SSD (Solid-State Drive)
• Atom quad core 1.9GHz (2.56GHz burst)
• 8GB RAM
• Commercial off-the-shelf Linux OS

* Please check the product release date and
   compatible models with regional sales persons.

Accessories

Several Accessories Ready for Commercial TV

LEC-005   External Clock

• Automatic Time Setting (Summer Time)
• Attaching Method with 3M Dual Stickers (Black)
• Alarm / Buzzer / Luminance Control Available
• TV Side Housing : RJ12 Connector (LEC-005),
  RGB Connector (LEC-003)

Hotel Simple RCU   Simple Remote Control

• Simple Remote Controller with 19 keys
• Infrared
• Multi IR Code (1/9)
• Color : Black

AN-MR18HA   Magic Remote Control

• Gesture, Pointing, Wheel Control
• Number Key Pad
• Magic Zoom

LTC* Simple RCU   Simple Remote Control

• Simple Remote Controller with 7 keys
• Infrared
• Antibacterial Surface to be cleaned with water
  and alcohol
• Multi IR Code (1/4)
• Color : White

* LTC (Long Term Care)

	Model	ET961H	US761H		
DESIGN	Stand Type	1 pole (Fixed)	1 Pole (Fixed)		
	Front Color	N/A	(Cinema Design) / Bottom Bezel: Dark Meteo Titan		
DISPLAY	Inch	65	65	55	49
	Resolution	3,840 x 2,160 (4K UHD)	3,840 X 2,160 (UHD)		
	Backlight Unit Type	OLED	Edge		
	Brightness (cd/m^2)	500nits	400nits		
BROADCASTING SYSTEM	TV Reception	DVB-T2/C	(DVB -T2 / C)		
VIDEO	HDR (10 Pro / HLG) HDR DOLBY VISION	Yes / Yes / Yes	Yes / Yes / NA		
AUDIO	Audio Output	20W + 20W	10W + 10W		
	Speaker System	2.2 ch	2.0 ch		
	DOLBY ATMOS	Yes	Yes		
	One Touch Sound Tuning	Yes	Yes		
	LG Sound Sync	Required Bluetooth	Required Bluetooth		
HOSPITALITY SOLUTION	Solution Type	Pro:Centric Smart	Pro:Centric (Smart, V, Direct), Quick Menu 3.0		
	Data Streaming (IP & RF)	Yes	Yes		
	HCAP (GEM / FLASH / HTML), Service Carousel (TLL / XML)	GEM / HTML5	GEM / HTML5		
	IP Return path	Yes	Yes		
	Multicast / Unicast ready	Yes	Yes		
	webRTC (Real Time Communication)	NA	Yes		
	Pro:Centric Application (version)	PCA 3.8	PCA3.8		
	Pro:Centric Server	PCS400R	PCS400R		
	DRM	Pro:Idiom (S/W Type)	Pro:Idiom (S/W Type)		
SMART FEATURES		webOS 4.5, Smart Home (Launcher Bar), Gallery Mode, Quick Access, Web Browser, Pre-loaded App, SDP Server Compatibility, Magic Remote Compatibility, Clock (World Clock / Alarm), Soft AP, Wi-Fi (802.11ac, Built-in type), Screen Share (Miracast), Smart Share (DLNA (Smart Share)), LG TV Plus App Compatibility, DIAL, Bluetooth Audio Playback, LG Sound Sync/bluetooth, Mobile Connection Overlay, Voice Recognition (Standalone/ Solution), IoT	webOS 4.5, Smart Home (Launcher Bar), Quick Access, Web Browser, Pre-loaded App, SDP Server compatibility, Magic Remote Compatibility (TBD), Clock (World Clock / Alarm), Soft AP, WiFi (Bandwidth), Screen Share (Miracast), Smart Share (DLNA), LG TV Plus App Compatibility, DIAL, Bluetooth Audio Playback, LG Sound Sync / Bluetooth, Mobile Connection Overlay, Voice Recognition (Standalone / Solution), IoT, EzManager (Simplicity), USB Cloning, Wake on RF, Wake on LAN, SNMP, Diagnostics (IP Remote), SI Compatible (TVLink Interactive), HTNG-CEC (1.4), Simplink (HDMI-CEC, 1.4), IR Out (RS-232C, HDMI), Multi IR Code, Anti-theft System (Kensington Lock, Credenza / Security Screw Hole - Except 65, Lock Down Plate - Except 65)		
HOSPITALITY FEATURES		Hotel Mode (Installer Menu), Lock mode (Limited), Welcome Video, Welcome Screen (Splash Image), Insert Image, One Channel Map, IP Channel Manager, External Speaker Out (Int /Fixed, 3.5mm, Stereo, Single ended Type(GND,L+,R+), 1W with 8Ω), Instant ON, V-Lan Tag, RJP (remote jack pack) Compatibility, Moving Picture Playback (SD/HD/Plus HD), Auto Off / Sleep Timer, Smart Energy Saving, Motion Eye Care	Hotel Mode, Lock mode (Limited), Welcome Video / Screen, Insert Image, One Channel Map, IP Chanenel Manager, External Speaker Out (Int / Ext Variable / Fixed), Instant ON, External Power Out, V-Lan Tag, RJP (Remote Jack Pack) Compatibility, External Clock Compatibility (LEC-005), Moving Picture Playback (SD / HD / Plus HD), Auto Off / Sleep Timer, Smart Energy Saving, Motion Eye Care Conformal Coating, Healthcare Headphone Mode, RTC (Real Time Clock), NTP sync timer, BEACON		
JACK INTERFACE	Set Side	HDMI In 3 (2.0), USB (2.0), CI Slot	HDMI In 2.0, USB 2.0 (2), CI Slot		
	Set Rear	USB (2.0), Headphone Out, RF In, AV In (Phone Jack Type), Component in (Y,Pb,Pr-Video (Phone Jack Type)), Digital Audio Out (Optical), RS-232C (D-Sub 9pin (Control & Service)), RJ45 (Usage Purpose 2 (Ethernet, Aux)), External Speaker Out (3.5mm phone jack) 2 (Spk-out 1, 4W (Stereo, R: 2.0W, L: 2.0W, 8Ω) Vol. Control 1)	HDMI In (HDCP, 2.0), Headphone Out, RF In, AV In (Phone Jack Type), Component in (Y, Pb, Pr-Video, Phone Jack Type), Digital Audio Out (Optical), RS-232C (Control & Service), Clock Interface (RJ12), RJ45 (Usage Purpose : 2 (Ethernet, Aux)), External Speaker Out (3.5mm Phone Jack) : 2 (Spk-out 1, 4W (Stereo, R : 2.0W, L : 2.0W, 8Ω) - Vol. Control1).		
DIMENSION (UNIT : mm / kg)	Vesa	300 x 200	300 x 300	300 x 300	200 x 200
	W x H x D / Weight (with stand)	1,449 x 862 x 251 / 33.9	1,451 x 910 x 323.7 / 25.8	1,232 x 773 x 303 / 20.4	1,096 x 697 x 303 / 17.2
	W x H x D / Weight (without stand)	1,449 x 830 x 46.9 / 25.2	1,451 x 840 x 64 / 24.1	1,232 x 716 x 63.6 / 17.2	1,096 x 640 x 63.6 / 14.0
	W x H x D / Weight (Shipping)	1,677 x 950 x 207 / 41.2	1,600 x 1,035 x 207 / 33.3	1,360 x 860 x 207 / 25.6	1,192 x 760 x 190 / 23.2
POWER (UNIT : WATTS)	Voltage, Hz	100 ~ 240V, 50/60Hz	100 ~ 240, 50/60	100 ~ 240, 50/60	100 ~ 240, 50/60
	Typical	377W	169W	138W	124W
	Stand-by	Under 0.5W	0.5	0.5	0.5

	Model	UT781H	US660H			
DESIGN	Stand Type	1 pole (Swivel)	2 pole			
	Front Color	Black	Ceramic Black			
DISPLAY	Inch	43	65	55	50	43
	Resolution	3,840 X 2,160 (UHD)	3,840 X 2,160 (UHD)			
	Backlight Unit Type	Edge	Direct			
	Brightness (cd/m^2)	350nits	400nits	400nits	TBD	300nits
BROADCASTING SYSTEM	TV Reception	DVB-T2/C	PAL / SECAM, DVB-T2/C			
VIDEO	HDR (10 Pro / HLG) (DOLBY VISION)	Yes / Yes / Yes	Yes / Yes			
AUDIO	Audio Output	1 (Optical)	10W + 10W			
	Speaker System	2.0 ch	2.0 ch			
	DOLBY ATMOS	-	-			
	One Touch Sound Tuning	Ready	Ready			
	LG Sound Sync	Yes (Required Bluetooth)	Yes (Required Bluetooth)			
HOSPITALITY SOLUTION	Solution Type	Pro:Centric Smart	Pro:Centric (Smart, Direct, V), Quick Menu 4.0			
	Data Streaming (IP & RF)	YES	Yes / Yes			
	HCAP (GEM / FLASH / HTML), Service Carousel (TLL / XML)	GEM / HTML5	GEM / HTML5			
	IP Return path	Yes	Yes			
	Multicast / Unicast ready	Yes / Yes	Yes / Yes			
	webRTC (Real Time Communication)	Yes	Yes			
	Pro:Centric Application (version)	PCA3.8	PCA3.8			
	Pro:Centric Server	PCS400	PCS400R, PCS500R (*TBD)			
	DRM	Pro:Idiom (S/W Type)	Pro:Idiom (S/W Type)			
SMART FEATURES		webOS version 4.5, Smart Home (Launcher Bar), Quick Access, Web Browser, Pre-loaded App, SDP Server compatibility, Magic Remote Compatibility, SW Clock (World Clock / Alarm),Connectivity, Soft AP, WiFi, Screen Share (Miracast), Smart Share (DLNA), LG TV Plus App, DIAL, Bluetooth Audio Playback, LG Sound Sync/bluetooth, Mobile Connection Overlay	webOS 5.0, Gallery Mode, Web Browser, CP App, Magic Remote Compatibility (Ready, MRxx), Mood Display, Soft AP, WiFi (802.11ac), Screen Share (Miracast), Smart Share (DLNA), Bluetooth Audio Playback, LG Sound Sync / Bluetooth, Voice Recognition (Standalone / Solution), IoT, USB Cloning SI Compatible (TV Link Tuner, RS232C), IR Out (HDMI, RS-232C), Anti-theft System (Kensington Lock)			
HOSPITALITY FEATURES		Hotel Mode (Installer Menu), Lock mode (Limited), Welcome Video, Welcome Screen (Splash Image), Insert Image, One Channel Map, IP Channel Manager, External Speaker Out (Int / Ext Variable/Fixed, 3.5mm, Stereo, Single ended Type(GND,L+,R+), 2W with 8Ω), Instant ON, External Power Out, V-Lan Tag, RJP (remote jack pack) Compatibility (LG/ Teleadapt (RS232C), Teleadapt/Guestlink (HDMI CEC)), External Clock Compatibility (LEC-005)	Hotel Mode (Installer Menu), One Channel Map, IP Channel Manager, External Speaker Out (Int / Ext. Variable / Fixed), Instant ON, V-Lan Tag, External Clock Compatibility (LEC-005), Conformal Coating, Healthcare Headphone Mode, Video Tag (2 Supported, MR)			
JACK INTERFACE	Set Side	RF In 2, HDMI In 2 (2.0), USB (2.0), RJ45 (Usage Purpose) 2 (Ethernet, Aux), CI Slot	HDMI In (2.0), USB 2 (2.0), CI Slot			
	Set Rear	HDMI In (HDCP, 2.0), USB (2.0), Headphone Out, AV In (Phone Jack Type), Component in (Y,Pb,Pr-Video (Phone Jack Type)), Digital Audio Out (Optical). RS-232C(D-Sub 9pin, Control & Service), Clock Interface (RJ12), External Speaker Out(3.5mm phone jack) 2 (Spk-out 1, 4W (Stereo, R: 2.0W, L: 2.0W, 8Ω) Vol. Control 1)	HDMI In 2 (HDCP, 2.0), Headphone Out, RF In, Digital Audio Out (Optical), RS-232C (D-Sub 9 Pin), Clock Interface (RJ12), RJ45 2 (Ethernet, Aux), External Speaker Out (3.5 mm Phone Jack) 2 (Spk-out 1, 4 W (Stereo, R: 2.0 W, L: 2.0 W, 8Ω) Vol. Control 1))			
DIMENSION (UNIT : mm / kg)	Vesa	200 x 200	300 × 300 mm	300 × 300 mm	200 × 200 mm	200 × 200 mm
	W x H x D / Weight (with stand)	962.5 x 619.4 x 303 / 14.4	1,463 × 914 × 269 mm / 21.6 kg	1,244 × 786 × 231 mm / 14.5 kg	1,130 × 722 × 231 mm / 11.5 kg	973 × 623 × 216 mm / 8.1 kg
	W x H x D / Weight (without stand)	962.5 x 619.4 x 303 / 14.4	1,463 × 850 × 87.8 mm / 21.3 kg	1,244 × 726 × 87.1 mm / 14.3 kg	1,130 × 663 × 86.3 mm / 11.3 kg	973 × 572 × 85.0 mm / 8.0 kg
	W x H x D / Weight (Shipping)	1,147 x 660 x 190 / 16.6	1,600 × 970 × 190 mm / 28.4 kg	1,360 × 835 × 175 mm / 19.5 kg	1,215 × 775 × 175 mm / 14.3 kg	1,060 × 660 × 152 mm / 10.2 kg
POWER (UNIT : WATTS)	Voltage, Hz	AC 220~240 V, 60Hz	AC 100~240V, 50/60Hz	AC 100~240V, 50/60Hz	AC 100~240V, 50/60Hz	AC 100~240V, 50/60Hz
	Typical	TBD	165 W	133 W	129 W	97 W
	Stand-by	TBD	0.5W↓	0.5W↓	0.5W↓	0.5W↓

	Model	UT640S					
DESIGN	Stand Type	2 Pole (No-Stand available)					
	Front Color	Dark Meteo Titan (75 / 56) / Ceramic Black (70 / 65 / 55 / 43)					
DISPLAY	Inch	86	75	65	55	49	43
	Resolution	3,840 X 2,160 (UHD)					
	Backlight Unit Type	NA					
	Brightness (cd/m^2)	350nits	350nits	400nits	400nits	400nits	300nits
BROADCASTING SYSTEM	TV Reception	(DVB -T2 / C)					
VIDEO	HDR (10 Pro / HLG)	Yes / Yes					
AUDIO	Audio Output	10W + 10W					
	Speaker System	2.0 ch					
	DOLBY ATMOS	NA					
	One Touch Sound Tuning	NA					
	LG Sound Sync	Required Bluetooth					
HOSPITALITY SOLUTION	Solution Type	Content Management Software (CMS), Control and Monitoring Software (Control/Control+), Simple Editor					
	Data Streaming (IP & RF)	NA					
	HCAP (GEM / FLASH / HTML), Service Carousel (TLL / XML)	NA					
	IP Return path	NA					
	Multicast / Unicast ready	NA					
	webRTC (Real Time Communication)	NA					
	Pro:Centric Application (version)	NA					
	Pro:Centric Server	NA					
	DRM	NA					
SMART FEATURES		webOS 4.5, Smart Home (Launcher Bar), Web Browser, Pre-loaded App (YouTube only), Soft AP, WiFi (bandwidth), Screen Share (Miracast), LG TV Plus App Compatibility, DIAL, Bluetooth Audio Playback, LG Sound Sync/bluetooth, Mobile Connection Overlay					
HOSPITALITY FEATURES		Hotel Mode / PDM / Installer Menu, Lock mode (Limited), Welcome Screen (Splash Image), Insert Image, One Channel Map, IP Channel Manager, External Speaker Out (Int / Ext Variable/Fixed, 3.5mm, Stereo, Single ended Type(GND,L+,R+), 2W with 8Ω), RJP (remote jack pack) Compatibility (LG/Teleadapt (RS232C), Teleadapt/Guestlink (HDMI CEC)), Moving Picture Playback (SD/HD/Plus HD), Auto Off / Sleep Timer, Smart Energy Saving, Motion Eye Care					
JACK INTERFACE	Set Side	HDMI In 2(2.0), USB (2.0), CI Slot, HDMI In 1(2.0) (32)					
	Set Rear	HDMI In (HDCP) 2.0, CI Slot, RF In, Digital Audio Out (Optical), RS-232C(D-Sub 9pin) (Control & Service), RJ45 (Usage Purpose) (Ethernet), External Speaker Out (3.5mm phone jack) 2 (Spk-out 1, 4W (Stereo, R: 2.0W, L: 2.0W, 8Ω) Vol. Control 1), Debug (Phone Jack Type) (Ext. SPK Volume Control Share)					
DIMENSION (UNIT : mm / kg)	Vesa	600 x 400	600 x 400	300 x 300	300 x 300	300 x 300	200 x 200
	W x H x D / Weight (with stand)	1,943 x 1,188 x 345 / 45.0	1,693 x 1,048 x 345 / 35.4	1,463 x 914 x 269 / 21.6	1,244 x 786 x 231 / 14.5	1,110 x 709 x 231 / 11.3	973 x 623 x 216 / 8.1
	W x H x D / Weight (without stand)	1,943 x 1,118 x 93.3 / 44.2	1,693 x 978 x 88.8 / 34.6	1,463 x 850 x 87.8 / 21.3	1,244 x 726 x 87.1 / 14.3	1,110 x 650 x 81.1 / 11.1	973 x 572 x 85 / 8.0
	W x H x D / Weight (Shipping)	2,116 x 1,261 x 285 / 59.0	1,839 x 1,116 x 231 / 45.7	1,600 x 970 x 190 / 28.4	1,360 x 835 x 175 / 19.5	1,193 x 770 x 158 / 13.4	1,060 x 660 x 152 / 10.2
POWER (UNIT : WATTS)	Voltage, Hz	100 ~ 240 V, 50/60 Hz	100 ~ 240 V, 50/60 Hz	100 ~ 240 V, 50/60 Hz	100 ~ 240 V, 50/60 Hz	100 ~ 240 V, 50/60 Hz	100 ~ 240 V, 50/60 Hz
	Typical	301W	221W	181.6W	145W	104W	99.1W
	Stand-by	0.5W	0.5W	0.5W	0.5W	0.5W	0.5W

	Model	LU640H	LT340C		
DESIGN	Stand Type	2 pole	2 Pole		
	Front Color	Black	Ceramic BK		
DISPLAY	Inch	32	49	43	32
	Resolution	1,366 x 768 (HD)	1,920 x 1,080 (FHD)	1,920 x 1,080 (FHD)	1,366 x 768 (HD)
	Backlight Unit Type	Direct	Direct BLU		
	Brightness (cd/m^2)	240nits	400nits	400nits	240nits
BROADCASTING SYSTEM	TV Reception	PAL/SECAM, DVB-T2/S2	DVB-T2/C		
VIDEO	HDR (10 Pro / HLG)	-	NO		
AUDIO	Audio Output	35W	10W + 10W		
	Speaker System	2.1ch	2.0 ch		
	DOLBY ATMOS	-	NA		
	One Touch Sound Tuning	NA	NA		
	LG Sound Sync	Yes	NA		
HOSPITALITY SOLUTION	Solution Type	-	Control and Monitoring Software (Control)		
	Data Streaming (IP & RF)	-	NA		
	HCAP (GEM / FLASH / HTML), Service Carousel (TLL / XML)	-	NA		
	IP Return path	-	NA		
	Multicast / Unicast ready	-	NA		
	webRTC (Real Time Communication)	-	NA		
	Pro:Centric Application (version)	-	NA		
	Pro:Centric Server	-	NA		
	DRM	-	NA		
SMART FEATURES		Commercial Smart Home, Web Browser, Pre-loaded App,WiFI, Screen Share (Miracast), Smart Share (DLNA), DIAL, LG Sound Sync/bluetooth	NA		
HOSPITALITY FEATURES		Hotel Mode / PDM / Installer Menu, Lock mode, Auto Off / Sleep Timer, Smart Energy Saving, Motion Eye Care	USB Cloning, WOL, SNMP, Diagnostics (USB), HTNG-CEC (1.4), HDMI-CEC (1.4), Multi IR Code, PDM (Public Display Mode), Welcome Video / Screen, External Speaker Out, RJP Compatibility, Auto Off / Sleep Timer, Motion Eye Care, Chromecast Dongle Anti-theft Cover (Optional, 49 inch only), Crestron Connected® (Network Based Control), DPM, Time Scheduler		
JACK INTERFACE	Set Side	1x HDMI, 2x USB,CLI	HDMI In (2.0), USB (2.0)		
	Set Rear	2 x RF, AV In, Component in (Y, Pb, Pr-Video),Digital Audio Out (Coaxial / Optical), 2 x HDMI/HDCP Input, Headphone Out, RJ45 (Ethernet/SVC/RJP Interface)	HDMI In (2.0), USB, RF In, AV In, Digital Audio Optical Out, PC Audio Input, RS-232C, RJ45, External Speaker Out, RGB (D-SUB 15 Pin)		
DIMENSION (UNIT : mm / kg)	Vesa	200 x 200	300 x 300	200 x 200	200 x 200
	W x H x D / Weight (with stand)	739 x 472 x 168	1,110 x 705 x 235 / 11.4	977 x 615 x 187 / 8.1	739 x 472 x 168 / 4.9
	W x H x D / Weight (without stand)	739 x 441x 74.8 (92.8) / 5.75	1,110 x 650 x 72 (81.1) / 11.3	977 x 575 x 71.7 (80.8) / 8	739 x 441 x 74.6 (84) / 4.85
	W x H x D / Weight (Shipping)	812 x 520 x 162	1,193 x 770 x 158 / 13.4	1,060 x 660 x 152 / 10.5	812 x 510 x 142 / 6.1
POWER (UNIT : WATTS)	Voltage, Hz	100 ~ 240V, 50/60Hz	100 ~ 240 V, 50/60 Hz	100 ~ 240 V, 50/60 Hz	100 ~ 240 V, 50/60 Hz
	Typical	36W	71W	60.5W	33.9W
	Stand-by	0.5W↓	Under 0.5W	Under 0.5W	Under 0.5W

MEMO

As a continuing policy of product development at LG Electronics, the design and specifications are subject to change. They may vary from model to model. Colour/shades may vary due to printing restrictions. E&OE.

LG Business Solutions

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