

## Edge-lit Smart IPTV with Ultra HD and Integrated *b*-LAN™

The UV770H is a cost-effective Smart IPTV model series, offering Ultra HD display and an edge-lit LED display with a slim bezel design. This series supports the Pro:Centric® SMART application platform, as well as Media Share features and integrated Pro:Idiom® technology. The UV770H models also have an embedded *b*-LAN™ module.



### UV770H

- Pro:Centric® SMART
- Integrated Pro:Idiom® DRM Technology
- Ultra HD
- webOS & Media Share Features
- Commercial Grade Stand (Except 65UV770H)
- <sup>NEW</sup> Dolby Vision™ High Dynamic Range (HDR) with HDR10 Compatibility

#### screen size

43" (42.8" diagonal), 49" (48.8" diagonal),  
55" (54.95" diagonal), 65" (64.8" diagonal)  
75" (74.65" diagonal)

## Key Features

### Pro:Centric® SMART

The UV770H is the latest in the line of Pro:Centric TVs that provide a unique and dedicated hotel applications hosting platform for LG's system integrators' interactive applications, enabling delivery for a wide range of custom applications tailored to both hotel management and guests' needs.

LG Pro:Centric SMART offers extended customizable tools: HTML5, Java and Flash. Using these tools, partners can optimize the TVs by editing and developing their own enhanced service design to increase the visual impact on guests.

### Pro:Idiom®

#### GLOBAL LEADING DIGITAL RIGHTS MANAGEMENT (DRM) SOLUTION

Pro:Idiom unlocks access to premium content to help ensure rapid and broad deployment of HDTV and other digital content. Pro:Idiom has been designed specifically for users of premium HDTV content from cable, satellite, or video on demand (VOD) services, and help reduce costs and reduce maintenance. This leading DRM system is embraced for its security solution, which helps prevent illegal downloading of copyrighted content.

## Media Share Features

### Smart Share

LG Smart Share® allows guests to use the TV to access video, image, and music shared by DLNA Certified® devices connected to the same Access Point as the TV.



### Screen Share

Screen Share enables screen sharing with a Miracast® or Wireless Display (WiDi) capable device (e.g., a laptop with Intel® hardware).



### Bluetooth Sound Sync (Bluetooth 3.0)

Bluetooth Sound Sync allows guests to listen to audio from a Bluetooth-enabled mobile device through the TV's speakers.

\* Support devices for Bluetooth Sound Sync :  
Android (above v4.4 KitKat) / iOS based Mobile Device



### SoftAP

SoftAP enables the TV to function as a 2.4 GHz wireless access point for up to five devices.



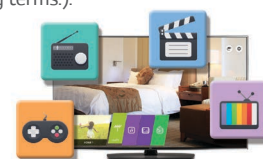
### DIAL

DIAL (Discovery and Launch) allows guests to play selected application media on the TV from a device with DIAL capability. The device may be used to cast any application for which a TV-compatible application has been created/selected.



### Pre-loaded Apps

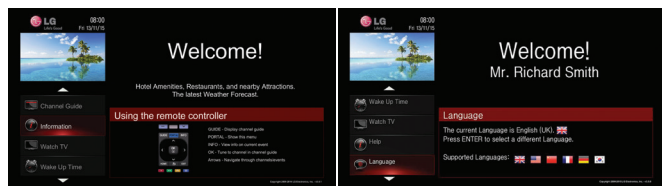
Guests can be served with bandwidth-worry-free pre-loaded applications, including Accuweather, Crackle, HULU, Web Browser, and YouTube (other applications may be added in the future, subject to licensing terms.).



# Edge-lit Smart IPTV with Ultra HD and Integrated b-LAN™

## Pro:Centric Application

Personalize the guest room television experience with the Pro:Centric Application (PCA), which provides guests' access to a variety of additional features, such as an interactive Electronic Program Guide (EPG), weather forecast and radar map, and customized electronic billboards for information on hotel amenities, all conveniently presented through the on-screen menus.



Welcome Page

Language Selection



Custom Billboards

EPG Option

## Free Interactive EPG Service for Pro:Centric TVs

### PLAN HIGHLIGHTS

If your property has purchased or plans to purchase LG's Pro:Centric TVs, you may qualify for a free EPG that allows guests to easily navigate TV channels and programs, just like they do at home. Participating properties must purchase and install a Pro:Centric server and supply an internet connection for daily program updates. Properties must also contract with an LG authorized partner to install and program the server to match your free-to-guest (FTG) Channel Map.

Free program guide service runs until December 2017, replacing the previous programming fee of \$1.50 per room per month.

Contact your LG sales representative or visit:  
[www.LG.com/us/commercial/display-discover/epg](http://www.LG.com/us/commercial/display-discover/epg)

### LG's FTG COST EFFECTIVE SOLUTION

When using LG televisions in FTG hotel installations, the Pro:Centric server (PCS200S) supports remote management of TV settings. With remote management, individual room visits are no longer required for TV configuration updates, including FTG Channel Map and FTG Installer Menu settings updates.

### Hotel Costs For FTG Channel Management

	Estimated Labor Costs	MSRP	Total	Potential savings over room visit
LG Pro:Centric TV with Pro:Centric Server		\$2,499 (PCS-200S)	\$2,499	\$17,501
Manual Room Updates	\$20(est.) x 2 times per year (to update channels) x 100 rooms x 5 years		\$20,000	
LG Pro:Idiom TV with embedded b-LAN plus FMA		\$2,900 (FMA-LG102)	\$2,900	\$17,100

MSRP subject to change. Installation not included.

## HEAD END SYSTEM

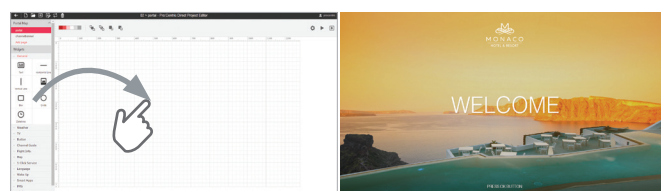
Remote management functions are supported via the Pro:Centric server.



The Pro:Centric Application software can be remotely added at a later date to deliver the benefits of LG's Pro:Centric Application features (Weather, EPG, Billboards, etc.).

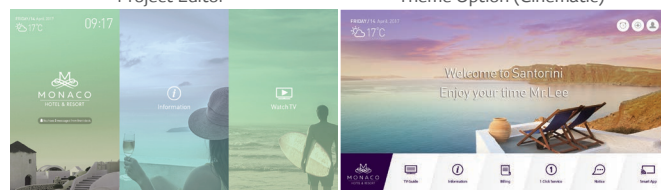
## Pro:Centric Direct Ready

Simply create your own templates and remotely manage TVs on the IP network with Pro:Centric Direct, LG's content management software. Pro:Centric Direct offers a Project Editor, along with customizable widgets and three types of theme templates (Cinematic-type, Grid-type, Bar-type) in order to promote branding and provide useful information for guests. Its interactive features will impress guests by elevating their in-room experience. Plus, for hoteliers, not only does it offer efficient content production and management, it also maximizes advertisement effectiveness, which contributes to improving the hotel brand.



Project Editor

Theme Option (Cinematic)



Theme Option (Grid)

Theme Option (Bar)

## ULTRA HD TV

### 4K Upscaler

Enjoy Full HD content in ULTRA HD quality. The 4K Upscaler automatically upgrades Full HD content to ULTRA HD through the six steps of the upscaling processes.



## Others Hospitality Features



Welcome Screen

### Welcome Screen

Have a warm greeting message with a hotel name and its logo on the TV when it is turned on. The welcome screen leaves a favorable impression of the hotel on guests.



Instant ON

### Instant On

The Instant On feature removes application boot time, so guests are immediately presented with the user interface screen when they turn on the TV.



USB CLONING

### USB Cloning

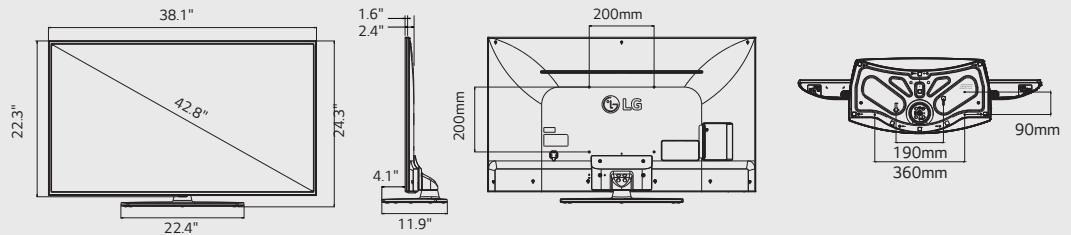
Clone all commercial TVs with astonishing speed and ease. The USB Cloning feature allows you to simply copy and transfer TV settings from a designated Master TV to all Target TVs using a USB memory device.

# Edge-lit Smart IPTV with Ultra HD and Integrated *b*-LAN™

## Dimensions

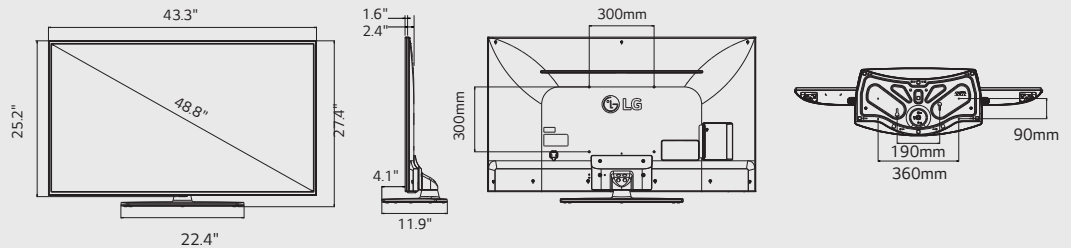
43"

38.1" x 24.3" x 11.9"  
(With Stand : W x H x D)  
\*Swivel



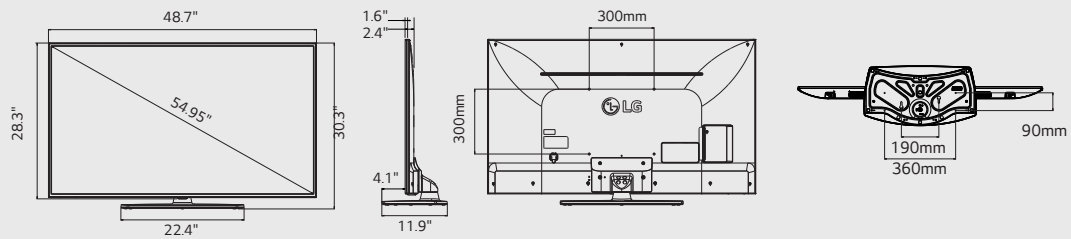
49"

43.3" x 27.4" x 11.9"  
(With Stand : W x H x D)  
\*Swivel



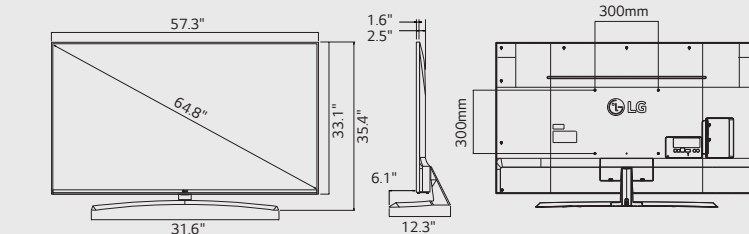
55"

48.7" x 30.3" x 11.9"  
(With Stand : W x H x D)  
\*Swivel



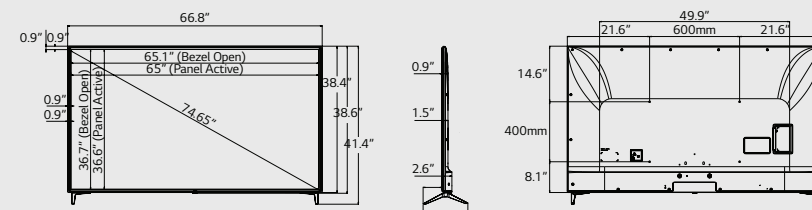
65"

57.3" x 35.4" x 12.3"  
(With Stand : W x H x D)

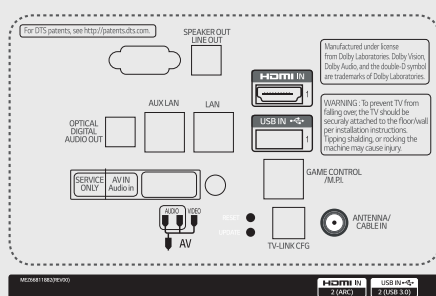


75"

66.8" x 38.6" x 1.5"  
(With Stand : W x H x D)



## Jack Panels (Rear/Side)



## Anti-Theft System (Except 65UV770H)



### Kensington Lock Slot

- LG Hotel TVs are protected by the reliable Kensington Lock solution. (Lock sold separately)



### Reinforced Metal Stand

- Full metal reinforced stand to improve sturdiness, durability and safety.
- Provides ( $\pm 20^\circ$ ) swivel out of the box.
- Provides ( $\pm 20/45/90^\circ$ ) swivel when used with Lock Down plate.



### Lock Down Plate with Credenza Hole

- Lock the TV firmly to the credenza for added security and help deter theft. (Mounting plate, security bolts, nuts and screws are included.)

## Specifications

UV770H

		43	49	55	65	75
DISPLAY	Diagonal Size	42.8"	48.8"	54.95"	64.8"	74.65"
	Type	Edge LED				
	Resolution	3,840 x 2,160 (4K UHD)				
	Dynamic Contrast Ratio	1,000,000:1				
	Static Contrast Ratio	1,200:1				
	Viewing Angle Degree	178° / 178°				
	Response Time (G to G)	8m/s				
BROADCASTING SYSTEM	Frame Rate	T120				
	Analog	NTSC				
	Digital	ATSC / VSB / Clear QAM				
	MPEG-2 / MPEG-4 H.264 DE-CODING	Yes				
VIDEO	Triple XD Engine	Yes				
	Real Cinema 24p (3:3 Pull down)	Yes				
	Picture Mode	9 modes (Vivid, Standard, APS (Eco), Cinema, Sports, Game, HDR Effect, Expert (Bright Room), Expert (Dark Room))				
	Aspect Ratio	6 modes (16:9, Original, 4:3, Vertical Zoom, All-Direction Zoom, Just Scan)				
AUDIO	HDR	Dolby Vision™ HDR, HDR10				
	Audio Output / Speaker System	10W + 10W / 2.0ch				
	Sound Mode	6 modes (Standard, Cinema, Clear Voice III, Sports, Music, Game)				
	Optical Sound Sync	Yes				
SOLUTION	Wireless Sound Sync	Yes				
	Type	Pro:Centric® SMART / Pro:Centric® Direct				
	Data Streaming (IP&RF)	Yes				
	Pro:Centric Application	Yes				
SMART FEATURES	RF	2 Tuner				
	HCAP (SDK)	GEM / Flash / HTML				
	IP Return Path	Yes				
	Server	PCS400R, PCS200S				
GENERAL FEATURES	Digital Rights Management	Pro:Idiom				
	Smart UX	webOS 3.5, Commercial Smart Home, Web Browser, Pre-loaded Apps, SDP (Service Delivery Platform), Magic Remote (Optional)				
	Connectivity	SoftAP, WiFi (802.11a/b/g/n/ac), ScreenShare (Miracast), SmartShare, DIAL, Bluetooth Sound Sync, LG Sound Sync				
	Installation Management	EzManager, USB Cloning				
HOSPITALITY FEATURES	USB	Moving Picture Playback (.asf, .wmv, .avi, .mp4, .m4v, .mov, .3gp, .3g2, .mkv, .mpeg, .dat, .etc), Picture (.jpeg, .jpg, .jpe, BMP, PNG), Audio Codec (.mp3, .wav, .OGG, .WMA, .flac)				
	Setting Option	Auto Off/Sleep Timer, Smart Energy Saving, Motion Eye care				
	Anti-theft System	Kensington Lock, Credenza/Security Screw Hole, Lock Down Plate				
		-				
INTERFACE	Side	HDMI In, USB 2.0				
	Rear	RF In (b-LAN), AV In, Digital Optical Audio Out, HDMI Input, USB, RS-232C, RJ45(2), External Speaker Out, TV Link Configuration (b-LAN Service), MPI Port, Debug				
ACCESSORIES		Power Cable (5.9 ft.), Owner's Manual / Easy Setup Guide				
DIMENSIONS	Bezel Width (L / R, U, B) : on bezel based	8.9, 8.9, 17.2 (mm)			9.1, 9.1, 17.2 (mm)	14.7, 14.7, 14.7 (mm)
	Bezel Width (L / R, U, B) : off bezel based	5.9, 5.9, 14.7 (mm)			6.6, 6.6, 15.2 (mm)	12.7, 12.7, 12.7 (mm)
	Vesa (mm)	200 x 200			300 x 300	
	WxHxD / weight (w/o stand)	38.1" x 22.3" x 1.6" / 22.5 lbs	43.3" x 25.2" x 1.6" / 28.0 lbs	48.7" x 28.3" x 1.6" / 33.7 lbs	57.3" x 33.1" x 1.7" / 52.9 lbs	66.8" x 38.6" x 1.5" / 91.1 lbs
	WxHxD / weight (with stand)	38.1" x 24.3" x 11.9" / 29.5 lbs	43.3" x 27.4" x 11.9" / 35.1 lbs	48.7" x 30.3" x 11.9" / 40.8 lbs	57.3" x 35.4" x 12.3" / 56.2 lbs	66.8" x 40.9" x 14.5" / 92.6 lbs
	WxHxD / weight (Carton)	46.5" x 26.0" x 7.5" / 34.0 lbs	47.0" x 29.2" x 7.5" / 41.7 lbs	53.5" x 33.9" x 7.5" / 51.8 lbs	63.0" x 40.7" x 7.5" / 73.0 lbs	72.4" x 45.9" x 9.1" / 116.8 lbs
POWER	Stand	(± 20/45/90°) Swivel				
	Voltage, Hz	100 ~ 240V, 50/60Hz				
	Typical (Watts)	51.4	48.5	55.4	71	77.1
	Stand-by (Watts)	< 0.5				
STANDARD APPROVAL	Safety	UL				
	Environment	FCC				
	Etc.	RoHS, UL, ENERGY STAR® Qualified, Dolby Vision™				
UPC		719192611573	719192611566	719192611559	719192919877	719192617339

### PARTNERS



### ENERGY GUIDE

#### Commercial Grade Stand

The estimated annual energy cost determined in accordance with 16 CFR Part 305.5 for model 43UV770H, 49UV770H, 55UV770H, 65UV770H, and 75UV770H are \$13, \$13, \$19, \$23, and \$26 respectively.

"Your energy cost depends on your utility rates and use. The estimated cost is based on 12 cents per kWh and 5 hours of use per day. For more information, visit [www.ftc.gov/energy/](http://www.ftc.gov/energy/)"

FTC Television labeling rule (18 CFR Part 305, as added by 76 Fed. Reg. 1038 (Jan 6, 2011)).

