UX970H Premium Ultra High Definition Smart TV
with Pro:Centric® and *b*-LAN™

HOSPITALITY

▶ **79UX970H**
79" class (80.1" diagonal)

▶ **65UX970H**
65" class (64.5" diagonal)

▶ **55UX970H**
55" class (54.6" diagonal)

▶ **49UX970H**
49" class (48.5" diagonal)

Live TV   8:45

Smart. Connected. Customizable.

Create the best in-room entertainment experience with LG's premium Pro:Centric® Smart hotel IPTV. Featuring a high-end bezel-less design and an Ultra HD edge-lit LED display with integrated surround sound technology to elevate your guests' viewing experience.

• **Pro:Centric Smart (webOS 2.0)** Easy Customization, SDK (HTML5, Java, Flash).
• **CINEMA SCREEN & Exclusive Sound** Ultra Slim & Narrow Bezel , Frontal Speaker, Ultra Surround Sound.
• **Easy Management & Usability** Fast Boot Time, Integrated Pro:Idiom®, DIAL protocol, Bluetooth Sound Sync, the EZ-Manager, Remote Diagnostics, Magic Motion Remote option.

PREMIUM DESIGN

CINEMA SCREEN *49/55/65" ONLY
CINEMA SCREEN design brings the cinematic viewing experience through the minimized bezel. With the narrow bezel, not only your guests can enjoy immersive viewing experience, but you also convey messages in a more effective way.

FRONTAL SPEAKER *49/55/65" ONLY
With a built-in forward facing, frontal speaker system, guests will enjoy truly powerful room-filling sound for a more immersive entertainment experience.

ULTRA HD TV

4K RESOLUTION CINEMA SCREEN
ULTRA HD is the future of digital picture, possessing four times higher resolution than that of full HD. Stunning 8.3 million pixels gives a flawless picture quality and incredibly vivid detail.

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

4K IPS WIDE VIEWING ANGLE
One of the secrets behind LG TVs outstanding viewing experience is the specially designed TV panel. IPS 4K delivers true color from any angle with 4 times the resolution of Full HD. With IPS 4K, every seat is the best for watching content in your space.

ADVANCED CONNECTIVITY

DIAL
DIAL is a simple way of enjoying portable devices' content on a TV without any physical connection to TV.

BLUETOOTH SOUND SYNC (BLUETOOTH 3.0)
By bluetooth connection between a mobile device and commercial TV, Bluetooth Sound Sync enables users to listen to music on a mobile device through TV speakers.

www.LG.com/us/commercial

※ Support devices for Bluetooth Sound Sync. : Android(Above v4.4 Kitkat) / iOS based Mobile Device

LG

Pro:Idiom

GLOBAL LEADING DIGITAL RIGHTS MANAGEMENT SYSTEM

Pro:Idiom unlocks access to premium content to help assure rapid and broad deployment of HDTV and other high value digital content.

Pro:Idiom has been designed specifically for users of premium HDTV content from cable, satellite, or video on demand (VOD) services, and is thus designed to lower costs and reduce maintenance needs. This leading DRM system is embraced for its security solution, which prevents illegal copying of copyrighted content.

REDUCED TOTAL COST OF OWNERSHIP

Using LG's optional Pro:Centric server, you can remotely manage cloning and channel mapping for TVs in guest rooms without having to visit each room.

The EZ-Manager's auto configuration function makes installation quick and easy. The EZ-Manager guides the installer to set up the TV with simple steps without having to set up the menu manually, saving time and cost.

EFFECTIVELY MANAGE IN-ROOM TVS

The USB Cloning feature allows you to simply copy the TV settings onto all TVs using a USB memory device, a process that is fully automated to save time without having to set each TV one-by-one.

FREE INTERACTIVE ELECTRONIC PROGRAM GUIDE SERVICE FOR Pro:Centric TVs!

PLAN HIGHLIGHTS

If your property has purchased or plans to purchase LG's Pro:Centric® TVs, you qualify for a free Electronic Program Guide (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 line up.

FREE program guide service runs until Dec. 2017, replacing the current programming fee of $1.50 per room per month.

Contact your LG sales representative or visit LG.com/us/commercial/display-discover/epg/index.jsp

4K Digital Cinema

The premium commercial UX970 Series (except 79") are 3D Ultra High Definition Smart TVs that will change the guest viewing experience from standard to a cinematic exposition. It has the ability not only to display 4K resolution from 4K content, but it can also convert 1080P picture quality to 4K brilliance.

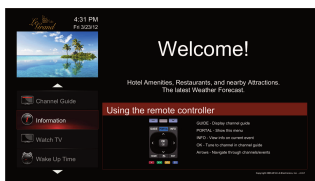
Pro:Centric APPLICATIONS PLATFORM

The UX970H is the latest in the line of Pro:Centric TVs that provides a unique and dedicated hotel application platform for hosting LG's System Integrators' interactive applications, enabling delivery for a wide range of custom applications tailored to both hotel management and guest needs.

The UX970H extends the choice of interactive systems available to hoteliers through the introduction of HTML5 support in addition to the current Adobe Flash-Lite and Java support. The UX970H is also a full IPTV platform with built-in IP video decoding supporting both IP and RF connectivity. Leveraging the Pro:Centric IPTV platform enables SI Partners to integrate their STB (Set Top Box) client software directly into the Television, eliminating the need for the additional STB hardware and reducing associated capital and support costs.

The UX970H supports embedded Wi-Fi for streaming of content to the Television or back channel communications.

The UX970H platform also includes remote diagnostic tools for partners to manage their systems and monitor the TV's on the network by the head-end or cloud based server for maintenance and admin purposes. The Wake-on-LAN features allows the TV to communicate in a background mode while the TV is powered off and without disruption to the guest, providing the ability to deliver remote software updates from the head end server.
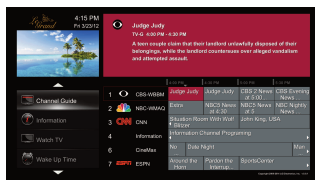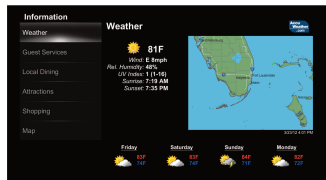
The UX970H Pro:Centric Application Platform

Portal Welcome Page

Custom Billboards

EPG Option

Weather Billboard

LG'S FREE-TO-GUEST COST EFFECTIVE SOLUTION

When using LG televisions in Free-To-Guest hotel installations, the Pro:Centric server (PCS200R) supports remote management of TV settings such as virtual channel mapping and cloning of Installer Menu settings.
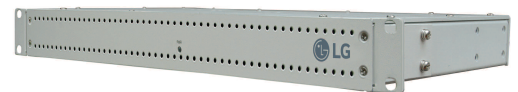
Save time and labor using LG's PCS200R remote management option which eliminates the necessity of visiting individual rooms to change television settings.

Hotel Costs For Free-To-Guest Channel Management

	Estimated Labor Costs	MSRP	Total	Savings over room visit
LG Pro:Centric TV with Pro:Centric Server		$2,499 (PCS200R)	$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.
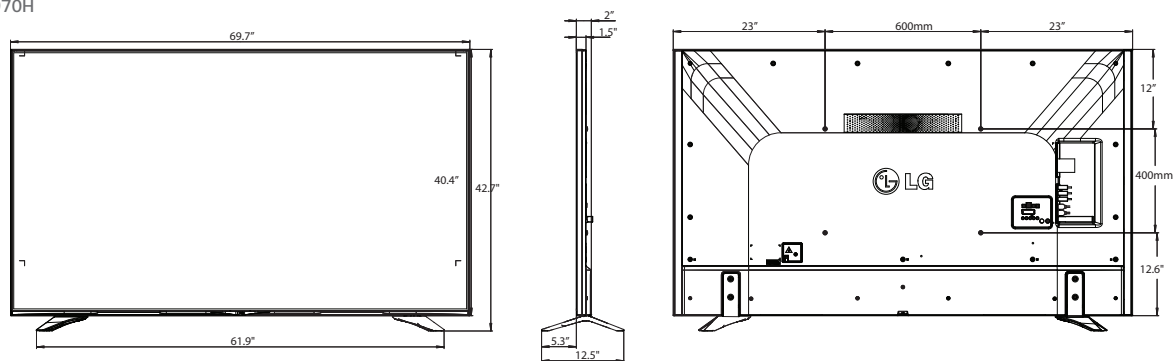
PCS200R
HEAD-END SYSTEM

Remote management functions are also 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 Applications features (Weather, EPG, Billboards...)
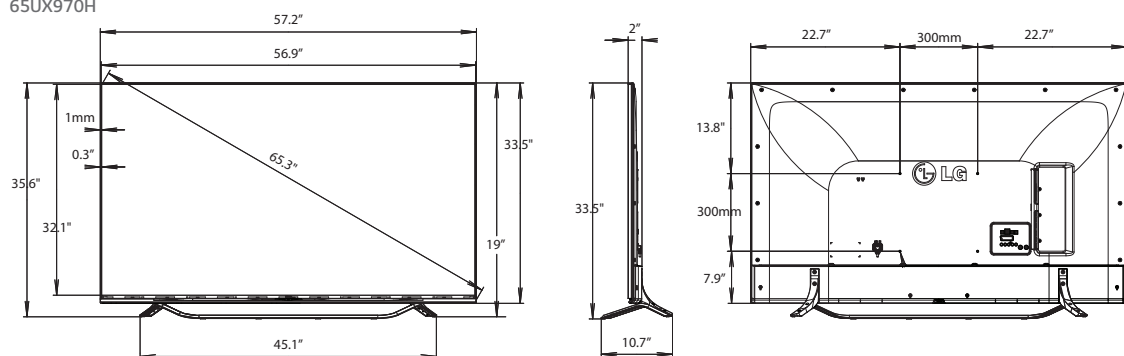
FMA-LG102
Free-To-Guest Management Appliance (FMA)

LG's Free-To-Guest Management Appliance delivers the FTG Channel Map to the guest rooms, via the hotel's RF distribution.
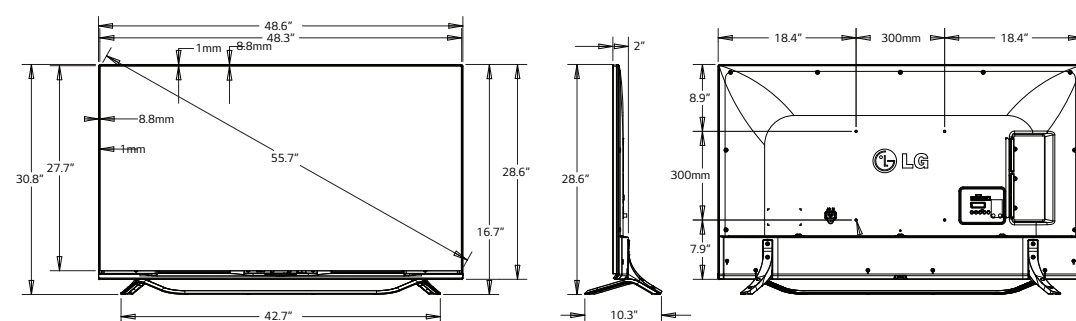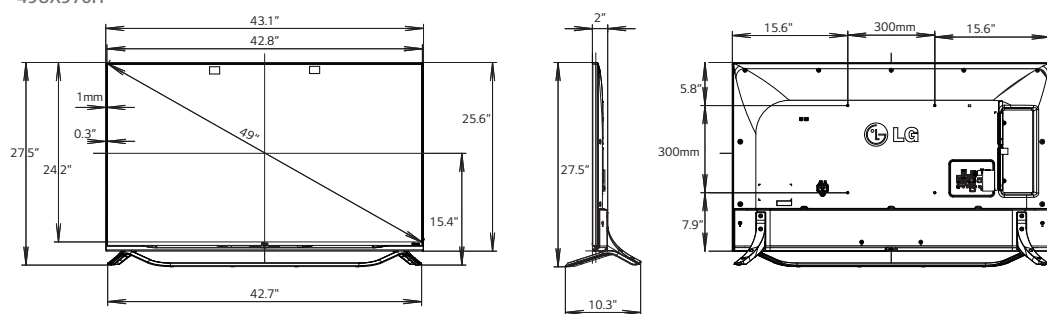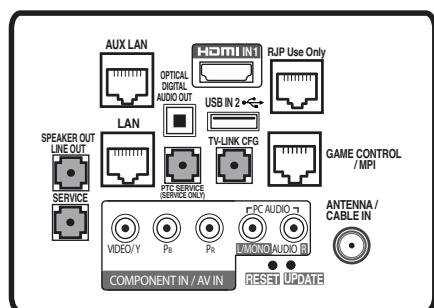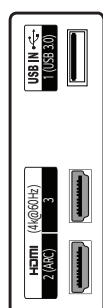
79UX970H

69.7"
40.4"
42.7"
61.9"
2"
1.5"
5.3"
12.5"
23"
600mm
23"
12"
400mm
12.6"
LG

65UX970H

57.2"
56.9"
1mm
0.3"
35.6"
32.1"
65.3"
33.5"
19"
45.1"
2"
33.5"
10.7"
22.7"
300mm
22.7"
13.8"
300mm
7.9"
LG

55UX970H

48.6"
48.3"
1mm
8.8mm
8.8mm
1mm
30.8"
27.7"
55.7"
28.6"
16.7"
42.7"
2"
28.6"
10.3"
18.4"
300mm
18.4"
8.9"
300mm
7.9"
LG

49UX970H

43.1"
42.8"
1mm
0.3"
27.5"
24.2"
49"
25.6"
15.4"
42.7"
2"
27.5"
10.3"
15.6"
300mm
15.6"
5.8"
300mm
7.9"
LG

REAR JACK PANEL

AUX LAN
HDMI IN1
RJP Use Only
OPTICAL DIGITAL AUDIO OUT
USB IN 2
SPEAKER OUT / LINE OUT
LAN
TV-LINK CFG
GAME CONTROL / MPI
SERVICE
PTC SERVICE (SERVICE ONLY)
PC AUDIO
ANTENNA / CABLE IN
VIDEO/Y
P_B
P_R
L/MONO AUDIO R
COMPONENT IN / AV IN
RESET UPDATE

SIDE JACK PANEL

USB IN 1 (USB 3.0)
HDMI 3 (4K@60Hz)
HDMI 2 (ARC)

UX970H
Premium Ultra High Definition Smart TV with Pro:Centric® and *b*-LAN

HOSPITALITY

▶ 79UX970H — 79" class (80.1" diagonal)
▶ 55UX970H — 55" class (54.6" diagonal)
▶ 65UX970H — 65" class (64.5" diagonal)
▶ 49UX970H — 49" class (48.5" diagonal)

	MODEL	79UX970H	65UX970H	55UX970H	49UX970H
PANEL	Inch	79" class (80.1" diagonal)	65" class (64.5" diagonal)	55" class (54.6" diagonal)	49" class (48.5" diagonal)
	Backlight Type	Edge			
	Resolution	3840 x 2160 (UHD)			
	Contrast Ratio	1,000,000:1(TBD)			
	Static (Panel) Contrast Ratio	1,200 :1(TBD)			
	Viewing Angle Degree	178x178(TBD)			
	Response Time	6 (G to G)			
	Frame Rate	T240Hz		120Hz	
BROADCASTING SYSTEM	Analog / Digital	Yes (NTSC) / Yes (ATSC)			
	Terrestrial	VSB			
	Cable	Clear QAM			
VIDEO	Triple XD Engine	Yes			
	Dynamic Color Enhancer	Yes			
	Real Cinema 24p (3:3 Pull Down)	Yes			
	Aspect Ratio	Yes 6 modes (16:9, Just scan,Set by program, 4:3,Zoom,Cinema zoom1)			
	UHD Stream	USB/IP/HDMI			
	Tru 4K Upscaler	Yes			
AUDIO	Audio Output	12W + 12W			
	Speaker System	2.1 ch			
	Sound Mode	Yes 6 modes(Standard, News, Music, Cinema, Sport, Game)			
	Optical Sound Sync	Yes			
	Sound Optimizer	Yes 3 modes(Normal, Wall-Mount Type, Stand Type)			
	Clear Voice	Yes			
SPRECIAL FEATURES	Pro:Centric	Yes (Smart)			
	Hybrid Streaming (IP & RF)MultiCast/HTTP Data Carousel	Yes			
	Pro:Centric Application	Yes (PCA3.0)			
	RF(1/2Tuner)	Yes (2 Tuner)			
	HCAP (GEM/FLASH/HTML) Service Carousel (TLX)	GEM / Flash / HTML			
	HCAP Input device driver support	Yes(USB Mouse, USB Keyboard, Magic Remote, USB Camera, Remote App)			
	Auto Configuraiton	Yes (EzMangager)			
	Remote Diagnosis	Yes			
	Multicast/Unicast ready	Yes			
	IP Streaming	Yes(RTSC, HLS, SNMP, UDP/MultiCast, USB Port/Video Streaming support (Smartshare) (IGMPv3 SSM Support)			
	Commercial Smart UX (Smart Home / Input)	Yes			
	Commercial Smart Home	Yes			
	APP. (P:C Smart)	Yes(Commercial CP/Apps)			
	Web Browser	Yes			
	Remote App compatibility	Yes			
	Smart Share	Yes			
	DLNA(Movie/Photo/Music)	Yes (Smart Share)			
	WiDi (PC to TV)	Yes			
	Miracast (Mobile to TV)	Yes			
	WiFi Direct	Yes			
	DIAL	Yes			
	HDMI-CEC	Yes			
	HTNG-CEC	Yes			
	Pro:Idiom	Yes			
	Instant ON	Yes			
	SI Compatible (TVLink Protocol)	Yes (MPI protocol)			
	b-LAN	Yes			
	WiFi	Yes (Built-in type)			
	3D	Yes (Except for 79")			
	Soft AP	Yes			
	Hotel Mode / PDM / Installer Menu	Yes			
	IR Out	Yes (MPI Jack)			
	External Speaker Out	Yes(Variable/Fixed/Line Out, 3.5mm, Stereo, Single ended Type(GND,L+,R+), 1W with 8)			
	RJP Interface	Yes (RJ45,HDMI)			
	RJP Compatibility	Teleadapt (RJ45, HDMI CEC), G-Link(HDMI-CEC)			
	USB	Yes (USB 2.0)			
	Moving Picture Playback (SD/HD/Plus HD)	Divx HD			
	Picture	JPEG			

	MODEL	79UX970H	65UX970H	55UX970H	49UX970H
SPRECIAL FEATURES	Audio Codec	AC3 (Dolby Digital), EAC3, AAC, Mpeg, MP3, PCM			
	USB Cloning	Yes			
	One Channel Map / Logical Channel Map	Yes			
	Multi IR Code	Yes			
	Welcome Screen (Splash Image)	Yes			
	Auto Off / Auto Sleep	Yes			
	Smart Energy Saving	Yes			
	Motion eye care	Yes			
	Bluetooth Sound Sync	Yes			
	Alljoyn	Yes (TBD)			
3D (NOT IN 79")	3D Type	FPR (SG/FPR/AR/GPR/Non-Glass)			
	Supporting Format	S/S, T/B, C/B, F/S			
	Format Auto Detection	Yes			
	3D to 2D Convert Source	Yes			
	2D to 3D Convert Source	Yes			
	Depth Control	0–+20 (default : 10)			
	Viewpoint Control	-10–+10 (default : 0)			
	2D to 3D Mode	Yes 5 modes (Standard, Manual, Cinema, Sport, Extreme)			
	3D Depth Control	Yes			
	3D Viewpoint Control	-10–+10 (default : 0)			
	3D Image Correction	Yes			
	3D Picture Mode	Yes			
	3D format	Yes			
SIDE	HDMI In	2 (2.0)			
	USB (2.0)	1 (3.0)			
REAR	RF In	1			
	AV In	1 (Sharing with Component in)			
	Component in (Y,Pb,Pr) + Audio	1			
	Digital Audio Out	1 (Optical)			
	HDMI/HDCP Input	1 (2.0)			
	USB 2.0	1(2.0)			
	PC Audio Input	1 (Sharing with Component Audio in)			
	RS-232C(D-Sub 9pin)	1 (Phone Jack)			
	LAN Port	2			
	RJ45 (RJP interface)	1			
	External Speaker Out (3.5mm Phone Jack)	1			
	TV link Configuration (Phone Jack Type)	1			
	PTC Configuration (phone jack type)	1			
	MPI Jack (RJ-12)	1			
ACCESSORIES	Remote type	S-Con / Magic Remote (Optional)			
	Cable	Power cable (5.9')			
	Manual / ESG	Simple book			
POWER	Voltage, Hz	110 – 240V, 50/60Hz			
	Typical (Watts) (Based on Energy Star 7.0)	105.7W	80.9W	65.8W	59.7W
	Stand-by	< 0.5W			
TOOL DESCRIPTION	Bezel Width (Left/Riight, Upper, Bottom): On bezel	10.4mm, 15.7mm, 28.9mm	8.8mm, 8.8mm, 33.2mm		6.9mm, 6.9mm, 33.2mm
	Bezel Width (Left/Riight, Upper, Bottom): Off Bezel	11.4mm, 16.7mm, 29.9mm	1mm, 1mm, 30.2mm		
	Flame Retardent	Yes			
	VESA Compatible	400mm x 600mm	300mm x 300mm		
CERTIFICATION	Safety / EMC / ETC.	UL / FCC / RoHS, cUL, NOM, Energy Star 7.0			
DIMENSION	Weight (with stand)	120.2lbs	72.3lbs	45lbs	46.7lbs
	Weight (Packing)	143.5lbs	87.5lbs	57.1lbs	46.7lbs
	WxHxD (w/o stand, mm)	69.7"x40.4"x2.3"	57.2"x33.5"x2"	48.6"x28.6"x2"	43.1"x25.6"x2"
	WxHxD (with stand, mm)	69.7"x42.6"x12.5"	57.2"x35.5"x10.7"	48.6"x30.7"x10.3"	43.1"x27.5"x10.3"
	WxHxD (Packing, mm)	74.2"x45.6"x10"	63.2"x37"x6"	52.4"x31.9"x6"	47.1"x28.7x5.6"
	Weight (W/O Stand/Packing,kg)	115.4lbs	69lbs	42.5lbs	35.7lbs
OTHER	UPC	7 19192 91812 2	7 19192 91820 7	7 19192 91814 6	7 19192 91821 4
WARRANTY		2-Year Limited Warranty Parts/Labor/Backlight	Extended warranty options are also available			

REMOTE JACK PACK COMPATIBILITY (RJP): G-LINK — Connect to your World; teleadapt — Keeping Your World Connected™

COMPATIBLE INTERACTIVE SYSTEMS (SEPARATE SET-TOP BOX MAY BE REQUIRED): SONIFI content & connectivity; BULK TV & INTERNET; acentic TECHNOLOGY. MADE BETTER; GuestTek Connect Confidently; HOISTLOCATEL hospitality innovation; m·com MEDIA | COMMUNICATIONS; et visions; NEVOTEK; WORLD·CINEMA; INDEPENDA; ACUTEK SOLUTIONS powered by Exerica; infovalue IPTV EXPERTS; tangerine global; DirectStreams; ALLIN; Exceptional Innovation; Quadriga SmartTV