



*Actual product appearance may differ from the above simulated scene.

Pro:Centric® Smart Hospitality Slim UHD TV with NanoCell Display

UT770H Series

Commercial Lite	Pro:Centric	Pro:Centric Enhanced	Pro:Centric Smart
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The UT770H Series features the new LG NanoCell display panel that provides dynamic UHD resolution and wide viewing angles in a slim, smart TV with remarkably slim bezels. It supports Pro:Centric Direct, LG's HTML application which offers customizable tools for LG's System Integrator partners to create unique, interactive application experiences. The UT770H Series also supports Smart Share, Screen Share, Pro:Idiom® and embedded b-LAN™.

UT770H SERIES

FEATURE HIGHLIGHTS

What is NanoCell TV?

LG NanoCell displays incorporate nano-sized material with LG's IPS panel technology. The nano-sized material is combined with a polarizer to produce a wide color gamut and express vivid, accurate colors, while maintaining LG's industry-leading 178° IPS viewing angles.



Nano Color (Ultra Vivid)

NanoCell technology uses nano (approximately 1nm) particles to absorb certain wavelengths, enhancing the purity of the color of the screen while expanding the overall color gamut. Other small-particle technologies use materials comprised of 3x to 6x larger particles, which do not approach the advanced composition of our NanoCell material.



Nano Bezel (Cinema Screen)

LG NanoCell TVs have significantly reduced the bezel thickness of the top, left and right sides. With bezel measurements of 5mm (or less) occupying less than one percent of the total viewing area, NanoCell TVs create much more immersive viewing experiences compared to typical TVs of the same screen size.



Nano Thickness (Slim Design)

LG NanoCell TVs are significantly more sleek, due to a reduction in overall thickness, which creates a much more sophisticated appearance. This slim, modern design is yet another benefit of LG IPS panels with NanoCell technology.



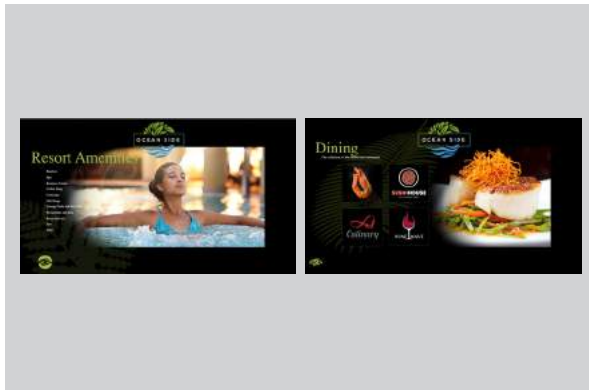
Pro:Centric Smart Hospitality Slim UHD TV with NanoCell Display

UT770H SERIES

FEATURE HIGHLIGHTS

Pro:Centric Direct

LG's Pro:Centric Direct Application enhances the in-room television experience for hotel guests. Guests can locate and enjoy available TV channels or access a wide range of over-the-top smart apps, check on the daily weather and review available hotel amenities—all from the comfort of their room.



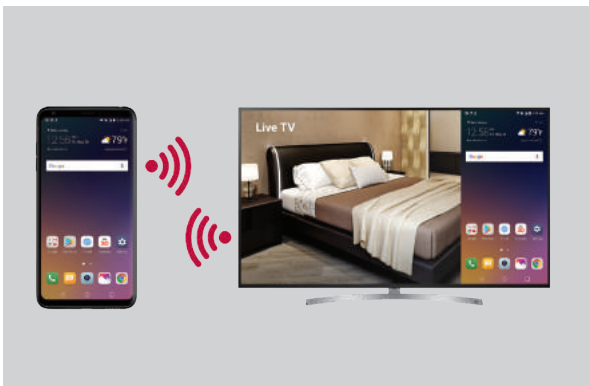
Pro:Idiom

Digital Rights Management (DRM) technology provides access to premium content to help assure rapid and broad deployment of HDTV and other high-value digital content.



Screen Share

Connect a smart phone or a laptop PC to the TV via a wireless connection. The TV will display the device's screen so guests can view and share their content and memories together.



Bluetooth Sound Sync

Bluetooth Sound Sync enables users to listen to music playing on a mobile device* through the TV's speakers via Bluetooth connection.



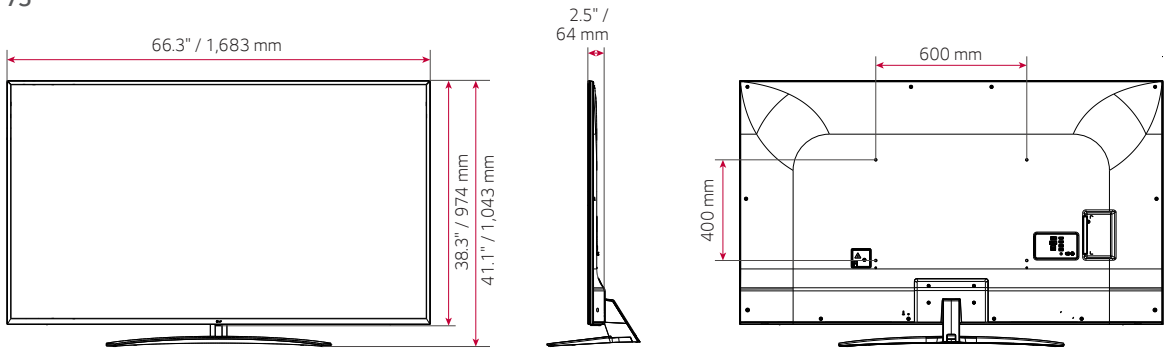
* Bluetooth Sound Sync supports Android (above v4.4 KitKat) / iOS-based mobile devices.

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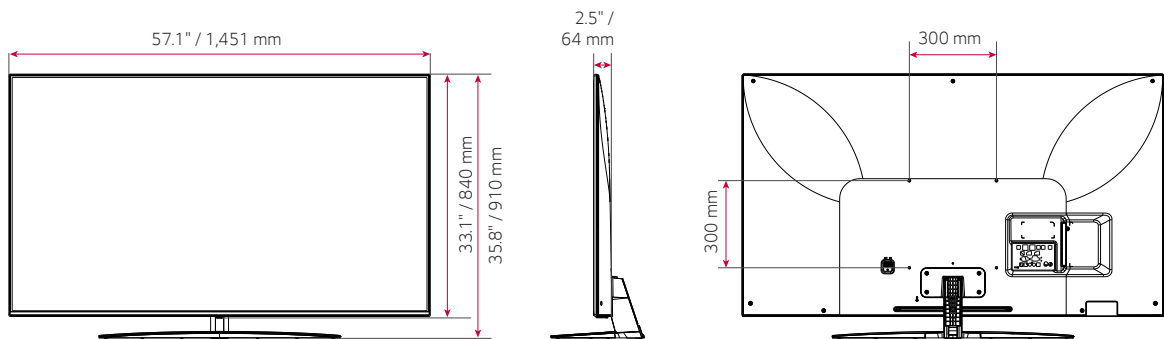
UT770H SERIES

DIMENSIONS

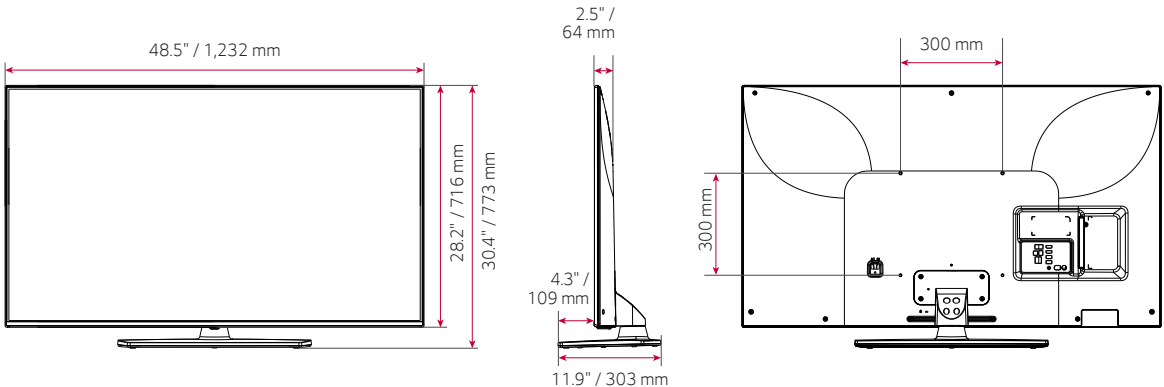
75"



65"



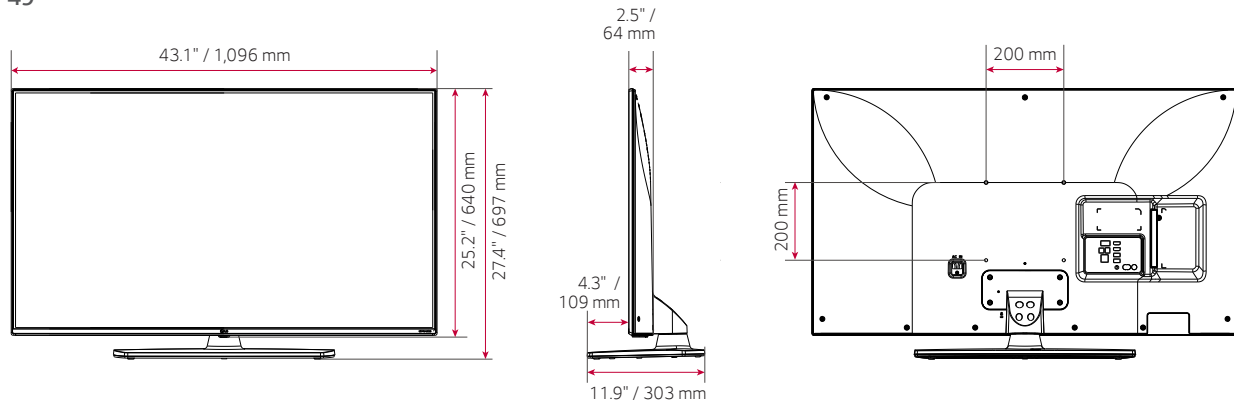
55"



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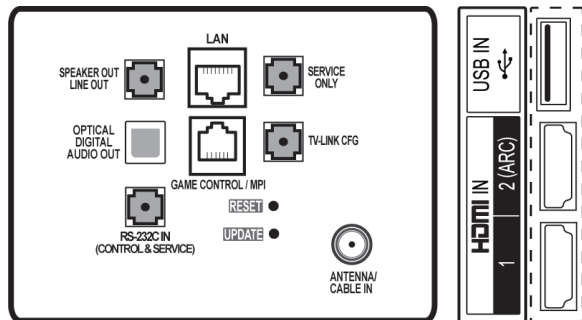
UT770H SERIES

49"

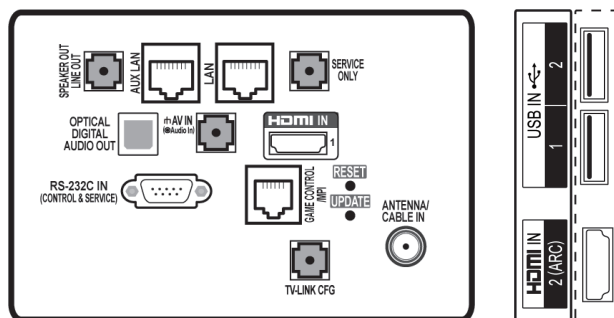


CONNECTIVITY

75"



65" / 55" / 49"



Pro:Centric Smart Hospitality Slim UHD TV with NanoCell Display

UT770H SERIES

SPECIFICATIONS

		75UT770H0UA	65UT770H0UB	55UT770H0UA	49UT770H0UA
DISPLAY	Diagonal Size	75"	65"	55"	49"
	Resolution	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)	3,840 x 2,160 (UHD)
	Backlight Unit Type	Edge	Edge	Edge	Edge
	Brightness (Nits)	400	400	400	400
	TruMotion / Refresh Rate	TM240 / 120 Hz	TM240 / 120 Hz	TM240 / 120 Hz	TM240 / 120 Hz
	Life Span (Hours)	30,000	30,000	30,000	30,000
VIDEO	HDR 10 Pro	Yes	Yes	Yes	Yes
	HDR HLG	Yes	Yes	Yes	Yes
	UHD Contents Streaming Support	USB / IP / HDMI	USB / IP / HDMI	USB / IP / HDMI	USB / IP / HDMI
	Tru 4K Upscaler	Yes	Yes	Yes	Yes
BROADCASTING	Analog	NTSC	NTSC	NTSC	NTSC
	Digital	ATSC / Clear QAM / VSB	ATSC / Clear QAM / VSB	ATSC / Clear QAM / VSB	ATSC / Clear QAM / VSB
	MPEG-2 / MPEG-4 H.264 Decoding	Yes	Yes	Yes	Yes
AUDIO	Speaker (Sound Output)	10 W + 10 W	10 W + 10 W	10 W + 10 W	10 W + 10 W
	Speaker System	2.0 ch	2.0 ch	2.0 ch	2.0 ch
	DTS Virtual:X	Yes	Yes	Yes	Yes
	One Touch Sound Tuning	Yes	Yes	Yes	Yes
	LG Sound Sync / Bluetooth	Yes	Yes	Yes	Yes
HOSPITALITY	Pro:Centric Data Streaming (IP & RF)	Yes	Yes	Yes	Yes
	Pro:Centric IP Return Path	Yes	Yes	Yes	Yes
	Pro:Centric webRTC (Real Time Communication)	Yes	Yes	Yes	Yes
	Pro:Centric Direct (HTML)	Yes	Yes	Yes	Yes
	Pro:Centric Application (Java)	Yes	Yes	Yes	Yes
	Pro:Idiom Software DRM	Yes	Yes	Yes	Yes
SMART FEATURES	Smart Home (Launcher Bar)	Yes	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes	Yes
	Pre-loaded Apps	Yes	Yes	Yes	Yes
	SDP Server Compatibility	Yes	Yes	Yes	Yes
	Magic Motion Remote (MMR) Compatible	Yes	Yes	Yes	Yes
	SoftAP	Yes	Yes	Yes	Yes
	Wi-Fi	Yes	Yes	Yes	Yes
	Screen Share (Miracast / WiDi)	Yes	Yes	Yes	Yes
	Smart Share (DLNA)	Yes	Yes	Yes	Yes
	LG Connect (LG TV Plus App)	Yes	Yes	Yes	Yes
	DIAL	Yes	Yes	Yes	Yes
	Bluetooth Audio Playback	Yes	Yes	Yes	Yes
	Beacon	Yes	Yes	Yes	Yes
	AirPlay®	Yes	Yes	Yes	Yes
	Voice Recognition	Yes	Yes	Yes	Yes

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SPECIFICATIONS

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OTHER FEATURES	EZ-Manager Wizard	Yes	Yes	Yes	Yes
	USB Data Cloning	Yes	Yes	Yes	Yes
	WOL	Yes	Yes	Yes	Yes
	SNMP	Yes	Yes	Yes	Yes
	SI Compatible	Yes (MPI, RS-232C)	Yes (MPI, RS-232C)	Yes (MPI, RS-232C)	Yes (MPI, RS-232C)
	Simplink (HDMI-CEC) plus CEC-HTNG	Yes (1.4)	Yes (1.4)	Yes (1.4)	Yes (1.4)
	IR Out	Yes (MPI, RS-232C)	Yes (MPI, RS-232C)	Yes (MPI, RS-232C)	Yes (MPI, RS-232C)
	Multi-code IR	Yes	Yes	Yes	Yes
	Installer Menu	Yes	Yes	Yes	Yes
	Welcome Screen (Boot Logo)	Yes	Yes	Yes	Yes
	Instant On	Yes	Yes	Yes	Yes
	VLAN	Yes	Yes	Yes	Yes
	RJP (Remote Jack Pack) Compatibility	HDMI (CEC)	HDMI (CEC)	HDMI (CEC)	HDMI (CEC)
	USB Auto Playback	Yes	Yes	Yes	Yes
	Auto Off / Sleep Timer	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
	Smart Energy Saving	Yes	Yes	Yes	Yes
	Motion Eye Care	Yes	Yes	Yes	Yes
INTERFACES	Embedded b-LAN	Yes	Yes	Yes	Yes
	Clock (World Clock / Alarm)	Yes	Yes	Yes	Yes
	HDMI In	2 (2.0)	2 (2.0)	2 (2.0)	2 (2.0)
	USB	1 (2.0)	2 (2.0)	2 (2.0)	2 (2.0)
	RF In	Yes	Yes	Yes	Yes
	AV In	No	3.5 mm Jack (L, R, V, GND)	3.5 mm Jack (L, R, V, GND)	3.5 mm Jack (L, R, V, GND)
	Digital Audio Out	Optical	Optical	Optical	Optical
	LAN (RJ45)	1 (Ethernet, Aux)	2 (Ethernet, Aux)	2 (Ethernet, Aux)	2 (Ethernet, Aux)
	Speaker Out - Line Out	3.5 mm Stereo Jack	3.5 mm Stereo Jack	3.5 mm Stereo Jack	3.5 mm Stereo Jack
	TV-Link Configuration (for b-LAN)	3.5 mm Stereo Jack	3.5 mm Stereo Jack	3.5 mm Stereo Jack	3.5 mm Stereo Jack
MECHANICALS	Game Controller / MPI	RJ12	RJ12	RJ12	RJ12
	Service Only	3.5 mm Stereo Jack	3.5 mm Stereo Jack	3.5 mm Stereo Jack	3.5 mm Stereo Jack
	RS-232C In (Control & Service)	3.5 mm Jack (TXD, RXD, IR, GND)	D-Sub 9pin	D-Sub 9pin	D-Sub 9pin
	Front Color	Ceramic Black	Ceramic Black	Ceramic Black	Ceramic Black
	VESA Compatible (W x H)	600 x 400	300 x 300	300 x 300	200 x 200
	Kensington Lock	Yes	Yes	Yes	Yes
	Credenza Mount (W x H)	360 mm x 90 mm	360 mm x 90 mm	360 mm x 90 mm	360 mm x 90 mm
	Lock Down Plate	Yes	Yes	Yes	Yes
	Weight without Stand	85.5 lbs / 38.8 kg	53.1 lbs / 24.1 kg	37.9 lbs / 17.2 kg	53.6 lbs / 24.3 kg
	Weight with Stand	91.7 lbs / 41.6 kg	56.9 lbs / 25.8 kg	45.0 lbs / 20.4 kg	55.3 lbs / 25.1 kg
	Shipping Weight	115.1 lbs / 52.2 kg	73.4 lbs / 33.3 kg	56.4 lbs / 25.6 kg	73.9 lbs / 33.5 kg
	Dimensions without Stand (W x H x D) (Depth: Front to VESA)	66.3" x 38.3" x 1.4" / 1,683 x 974 x 35 mm	57.1" x 33.1" x 2.5" / 1,451 x 840 x 64 mm	48.5" x 28.2" x 2.5" / 1,232 x 716 x 64 mm	43.1" x 25.2" x 2.5" / 1,096 x 640 x 64 mm
	Dimensions without Stand (W x H x D) (Depth: Front to Lower Back)	66.3" x 38.3" x 2.6" / 1,683 x 974 x 65 mm	57.1" x 33.1" x 2.5" / 1,451 x 840 x 64 mm	48.5" x 28.2" x 2.5" / 1,232 x 716 x 64 mm	43.1" x 25.2" x 2.5" / 1,096 x 640 x 64 mm
	Dimensions with Stand (W x H x D)	66.3" x 41.0" x 14.6" / 1,683 x 1,043 x 370 mm	57.1" x 35.8" x 12.8" / 1,451 x 910 x 324 mm	48.5" x 30.4" x 11.9" / 1,232 x 773 x 303 mm	43.1" x 27.4" x 11.9" / 1,096 x 697 x 303 mm
	Shipping Dimensions (W x H x D)	72.4" x 45.9" x 9.1" / 1,839 x 1,166 x 231 mm	63.0" x 40.7" x 8.1" / 1,600 x 1,035 x 207 mm	53.5" x 33.9" x 8.1" / 1,360 x 860 x 207 mm	46.9" x 29.9" x 7.5" / 1,192 x 760 x 190 mm
POWER	Bezel Width (L / R / T / B): On Bezel	16.7 mm / 16.7 mm / 16.7 mm / 24.3 mm	11.3 mm / 11.3 mm / 11.3 mm / 19.8 mm	11.1 mm / 11.1 mm / 11.1 mm / 19.8 mm	11.1 mm / 11.1 mm / 11.1 mm / 19.8 mm
	Bezel Width (L / R / T / B): Off Bezel	15.2 mm / 15.2 mm / 15.2 mm / 22.3 mm	5.0 mm / 5.0 mm / 5.0 mm / 16.6 mm	4.8 mm / 4.8 mm / 4.8 mm / 16.6 mm	4.8 mm / 4.8 mm / 4.8 mm / 16.6 mm
	Power Supply	120 V, 50 / 60 Hz	120 V, 50 / 60 Hz	120 V, 50 / 60 Hz	120 V, 50 / 60 Hz
ACCESSORIES	Typical Power Consumption	183.3 W	169 W	140 W	126 W
	Standby Power Consumption	Less than 0.5 W	Less than 0.5 W	Less than 0.5 W	Less than 0.5 W
	Remote Control	Yes (Installer Remote)	Yes (Installer Remote)	Yes (Installer Remote)	Yes (Installer Remote)
WARRANTY & OTHER	Power Cord	1.8 m, Right Angle	1.8 m, Right Angle	1.8 m, Right Angle	1.8 m, Right Angle
	AV In Adaptor Cable	3.5 mm Plug to 3 RCA Jacks	3.5 mm Plug to 3 RCA Jacks	3.5 mm Plug to 3 RCA Jacks	3.5 mm Plug to 3 RCA Jacks
	Standards	UL	UL	UL	UL
	EMC Certification	FCC	FCC	FCC	FCC
WARRANTY & OTHER	Warranty	Two-Year Limited Warranty	Two-Year Limited Warranty	Two-Year Limited Warranty	Two-Year Limited Warranty
	UPC	7 19192 63309 4	7 19192 63077 2	7 19192 63078 9	7 19192 63079 6

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