



* All images in this datasheet are for illustrative purposes only.

Commercial TV UR770H Series

4K UHD Pro:Centric Smart Hotel TV



Netflix Included



Slim Design



Quick Menu



Voice Recognition

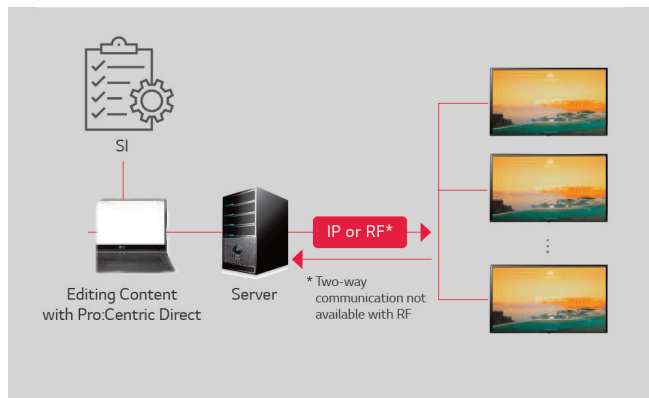
UR770H Series

Design	Stand Type	1 Pole Stand (75"/65" : Fixed, 55"/50" : Swivel)
Display	Inch	75" / 65" / 55" / 50"
	Resolutions	3840 × 2160 (UHD)
Solution		Pro:Centric (Smart, Direct, V), Quick Menu



Pro:Idiom®

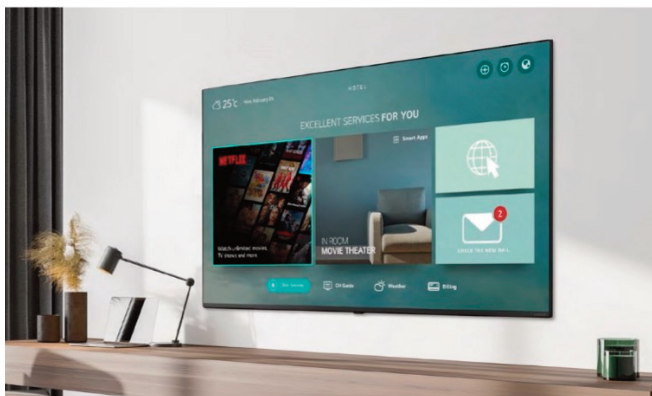
DRM (Digital Rights Management) technology unlocks access to premium content to help assure rapid and broad deployment of HDTV and other high-value digital content.



Pro:Centric Direct

Pro:Centric Direct is a hotel content management system that provides simple editing tools and various solutions such as one-click service and IP network-based remote management. Hoteliers can easily edit the user interface, provide customized service and manage all property's TVs efficiently.

* Actual UI may differ from what is shown here.
When PCS400R and PCD 2.0 are in use, the PCD feature works even in RF infrastructure.



Easy Access to Netflix Application with Pro:Centric Direct

Hotel guests can enjoy their favorite Netflix shows thanks to the Netflix Application service supported within Pro:Centric Direct. Guest Netflix subscription is required, or sign-up to a free trial. Must be installed by approved LG SI Partner.

- * webOS 5.0 only
- * Property Management System required
- * Usage statistics reporting required



Elegant Slim Design

The UR770H series features a slim bezel that is designed to blend into any interior to enhance the décor of the environment in which it's installed to deliver an immersive viewing experience.



SoftAP Virtual Wi-Fi Capability

Software-enabled Access Point (SoftAP) is a "virtual" Wi-Fi feature that uses the TV as a wireless hotspot, enabling guests to connect their own devices. It supports Bridge Mode, allowing administrators to manage in-room SoftAP information such as signal level, SoftAP passwords, etc.

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



Advanced LG webOS 5.0

LG's webOS 5.0 delivers the latest LG Smart TV features, innovative technology, and content delivery with remarkable clarity and true-to-life colors. Newly added Mood Display and Gallery Mode enables the TV to be utilized as a customized clock and can display artwork that harmonizes with its surroundings.



Welcome Screen and Instant On

To provide a more personalized and welcoming experience, the UR770H series Welcome Screen features a broader range of programable greeting messages, while Instant On, a high-speed loading system, enables users to enjoy content immediately after turning on the TV.



USB Data Cloning*

USB data cloning improves the efficiency of managing multiple displays by allowing you to transfer the configuration data of one display to the other UR770H series displays using a USB drive.

- * USB is not provided by LG. Also, UR770H0 models cannot be cross-configured with UR770H9 models or vice-versa.

SPECIFICATIONS

MODEL		75UR770H	65UR770H	55UR770H	50UR770H
DISPLAY	Diagonal Size	75"	65"	55"	50"
	Resolution	3840 X 2160 (UHD)	3840 X 2160 (UHD)	3840 X 2160 (UHD)	3840 X 2160 (UHD)
	Backlight Unit Type	Direct	Direct	Direct	Direct
	Brightness	330	400	400	400
	Dynamic Contrast Ratio	1,000,000:1	1,000,000:1	1,000,000:1	1,000,000:1
	Static Contrast Ratio	1200:1	1200:1	1300:1	5000:1
	Response Time (G to G)	8 ms	8 ms	14 ms	19 ms
	Refresh Rate	60 Hz	60 Hz	60 Hz	60 Hz
	Life Span	30,000 Hours	30,000 Hours	30,000 Hours	30,000 Hours
	HDR 10 Pro	Yes	Yes	Yes	Yes
HDR HLG	Yes	Yes	Yes	Yes	
BROADCASTING	Digital (Terrestrial,Cable,Satellite)	ATSC / Clear QAM / VSB	ATSC / Clear QAM / VSB	ATSC / Clear QAM / VSB	ATSC / Clear QAM / VSB
	Analog	NTSC	NTSC	NTSC	NTSC
	Closed Caption	Yes	Yes	Yes	Yes
	MPEG-2 / MPEG-4 H.264 Decoding	Yes	Yes	Yes	Yes
	IPTV Capable	Yes	Yes	Yes	Yes
AUDIO	Speaker System	10W + 10W (2.0 ch)	10W + 10W (2.0 ch)	10W + 10W (2.0 ch)	10W + 10W (2.0 ch)
	AI Sound	Yes	Yes	Yes	Yes
	One Touch Sound Tuning	Yes	Yes	Yes	Yes
	LG Sound Sync	Yes	Yes	Yes	Yes
HOSPITALITY	Pro:Centric Data Streaming (IP & RF)	Yes	Yes	Yes	Yes
	HCAP (GEM / FLASH / HTML)	GEM / HTML5	GEM / HTML5	GEM / HTML5	GEM / HTML5
	Pro:Centric IP Return path	Yes	Yes	Yes	Yes
	Multicast / Unicast ready	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
	Pro:Centric webRTC	Yes	Yes	Yes	Yes
	Pro:Centric Direct (HTML)	Yes	Yes	Yes	Yes
	Pro:Centric Application (Java)	Yes	Yes	Yes	Yes
	Quick Menu Version	4.0	4.0	4.0	4.0
Pro:Idiom DRM (S/W, Mobile, Lite)	Yes	Yes	Yes	Yes	
SMART FEATURES	Smart Home (Launcher Bar)	Yes	Yes	Yes	Yes
	Gallery Mode	Yes	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes	Yes
	Pre-loaded Apps	Yes	Yes	Yes	Yes
	SDP Server Compatible	Yes	Yes	Yes	Yes
	Magic Remote	Yes (MR18HA)	Yes (MR18HA)	Yes (MR18HA)	Yes (MR18HA)
	SW Clock (World Clock / Alarm)	Yes	Yes	Yes	Yes
	Soft AP	Yes	Yes	Yes	Yes
	Wi-Fi (802.11ac)	Yes	Yes	Yes	Yes
	Screen Share (Miracast)	Yes	Yes	Yes	Yes
	Smart Share (DLNA)	Yes	Yes	Yes	Yes
	LG Connect (LG TV Plus)	Yes	Yes	Yes	Yes
	DIAL	Yes	Yes	Yes	Yes
	Beacon	Yes	Yes	Yes	Yes
	Bluetooth Sound Sync	Yes	Yes	Yes	Yes
	Mobile Connection Overlay	Yes	Yes	Yes	Yes
	Voice Recognition (Standalone Solution)	Yes	Yes	Yes	Yes
IoT	Yes	Yes	Yes	Yes	
OTHER FEATURES	First Use Wizard	Yes	Yes	Yes	Yes
	USB Data Cloning	Yes	Yes	Yes	Yes
	Wake on RF	Yes	Yes	Yes	Yes
	WOL	Yes	Yes	Yes	Yes
	Diagnostics	Yes (IP Remote)	Yes (IP Remote)	Yes (IP Remote)	Yes (IP Remote)
	External Control Interface	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)	

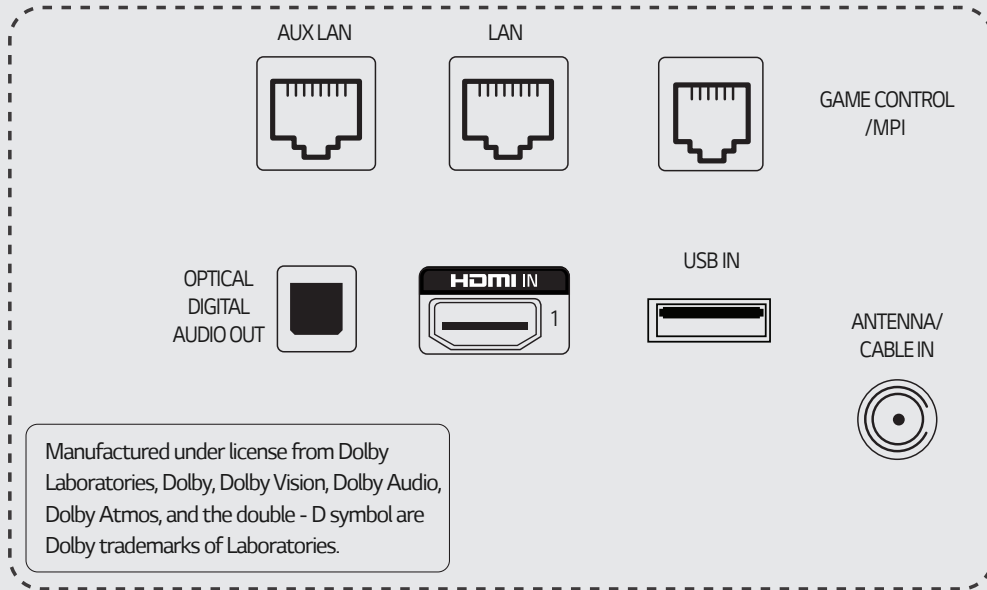
SPECIFICATIONS

MODEL		75UR770H	65UR770H	55UR770H	50UR770H
OTHER FEATURES	IR Signal from Receiver (Logic Low Pulses)	MPI	MPI	MPI	MPI
	IR Signal from Receiver (Logic High Pulses)	RS-232C	RS-232C	RS-232C	RS-232C
	Multi-code IR	Yes	Yes	Yes	Yes
	Installer Menu	Yes	Yes	Yes	Yes
	Lock Mode	Yes (Limited)	Yes (Limited)	Yes (Limited)	Yes (Limited)
	Port Block	Yes	Yes	Yes	Yes
	Welcome Screen	Yes	Yes	Yes	Yes
	One Channel Map (LCM)	Yes	Yes	Yes	Yes
	Instant ON	Yes	Yes	Yes	Yes
	VLAN ID	Yes	Yes	Yes	Yes
	RJP (Remote Jack Pack) Compatibility	HDMI (CEC)	HDMI (CEC)	HDMI (CEC)	HDMI (CEC)
	Moving Picture Playback	Yes	Yes	Yes	Yes
	Auto Off / Sleep Timer	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
	Energy Saving mode	Yes	Yes	Yes	Yes
	Motion Eye Care	Yes	Yes	Yes	Yes
	Embedded b-LAN	Yes	Yes	Yes	Yes
NTP Sync Timer	Yes	Yes	Yes	Yes	
Video Tag	Yes (2 Supported)	Yes (2 Supported)	Yes (2 Supported)	Yes (2 Supported)	
INTERFACES	HDMI In	3 (2.0)	3 (2.0)	3 (2.0)	3 (2.0)
	USB	1	1	1	1
	RF In (Tuner)	1 (dual b-LAN)	1 (dual b-LAN)	1 (dual b-LAN)	1 (dual b-LAN)
	Digital Audio Out (Optical)	1	1	1	1
	RS-232C (D-Sub 9-Pin / 3.5mm Jack)	3.5mm Jack (4-Pin)	3.5mm Jack (4-Pin)	3.5mm Jack (4-Pin)	3.5mm Jack (4-Pin)
	Speaker Out / Line Out (UR770H0 Models Only)	3.5mm Stereo Jack	3.5mm Stereo Jack	3.5mm Stereo Jack	3.5mm Stereo Jack
	Audio Line Out (UR770H9 Models Only)	3.5mm Stereo Jack	3.5mm Stereo Jack	3.5mm Stereo Jack	3.5mm Stereo Jack
	TV-LINK CFG	3.5mm Stereo Jack	3.5mm Stereo Jack	3.5mm Stereo Jack	3.5mm Stereo Jack
	Service Only	3.5mm Stereo Jack	3.5mm Stereo Jack	3.5mm Stereo Jack	3.5mm Stereo Jack
	RJ45	2 (Ethernet, Aux)	2 (Ethernet, Aux)	2 (Ethernet, Aux)	2 (Ethernet, Aux)
	Game Control/MPI (RJ12)	Yes	Yes	Yes	Yes
MECHANICAL & POWER	Stand Type	1 pole - Fixed	1 pole - Fixed	1 pole - Swivel	1 pole - Swivel
	Front Color	Navy Blue (nearly black)	Navy Blue (nearly black)	Navy Blue (nearly black)	Navy Blue (nearly black)
	VESA Compatible	400x400	300x300	300x300	200x200
	Kensington Lock	Yes	Yes	Yes	Yes
	Credenza / Security Screw Hole	No	No	Yes	Yes
	Lock Down Plate	No	No	Yes	Yes
	Weight without Stand	31.4 kg / 69.2 lbs	21.5 kg / 47.4 lbs	14.0 kg / 30.9 lbs	12.1 kg / 26.7 lbs
	Weight with Stand	34.6 kg / 76.3 lbs	22.9 kg / 50.5 lbs	17.2 kg / 37.9 lbs	15.3 kg / 33.7 lbs
	Shipping Weight	44.5 kg / 98.1 lbs	28.9 kg / 63.7 lbs	22.3 kg / 49.2 lbs	18.6 kg / 41 lbs
	Dimensions without Stand	1678 x 964 x 59.9 mm 66.1 x 38 x 2.4 in	1454 x 838 x 57.7 mm 57.2 x 33 x 2.3 in	1235 x 715 x 57.5 mm 48.6 x 28.1 x 2.3 in	1121 x 651 x 57.1 mm 44.1 x 25.6 x 2. in
	Dimensions with Stand	1678 x 1045 x 378 mm 66.1 x 41.1 x 14.9 in	1454 x 909 x 340 mm 57.2 x 35.8 x 13.4 in	1235 x 777 x 303 mm 48.6 x 30.6 x 11.9 in	1121 x 713 x 303 mm 44.1 x 28.1 x 11.9 in
	Shipping Dimensions	1820 x 1205 x 228 mm 71.7 x 47.4 x 9 in	1600 x 970 x 228 mm 63 x 38.2 x 9 in	1360 x 860 x 207 mm 53.5 x 33.9 x 8.1 in	1317 x 810 x 188 mm 51.9 x 31.9 x 7.4 in
	Bezel Width (L/R/T/B): On Bezel	3.9/13.9/13.9/19.9	12.8/12.8/12.8/19.9	12.8/12.8/12.8/19.9	12.8/12.8/12.8/19.9
	Bezel Width (L/R/T/B): Off Bezel	7.9/7.9/7.9/18.4	6.8/6.8/6.8/18.4	6.9/6.9/6.9/18.4	7.3/7.3/7.8/18.4
	Power Supply	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz	100-240 Vac, 50/60 Hz
	Max Power Consumption	225 W	200 W	165 W	135 W
	Typical Power Consumption	110 W	87 W	72 W	57 W
	Standby Power Consumption	< 0.5W	< 0.5W	< 0.5W	< 0.5W
	WARRANTY & OTHER	Standards	UL	UL	UL
EMC Certification		FCC	FCC	FCC	FCC
Warranty		2 Year Limited	2 Year Limited	2 Year Limited	2 Year Limited
Accessories		S-Con Remote Control, Optional MMR Remote Control, 1.8m Power Cable (50/55/65" Detached), 2.0m Power Cable (75" Attached)			

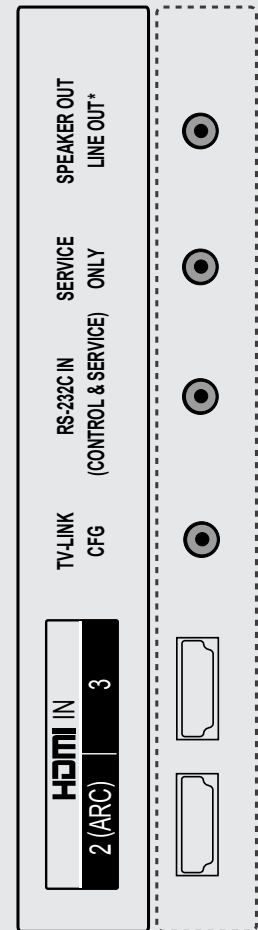
CONNECTIVITY

75" / 65" / 55" / 50"

REAR



SIDE



* UR770H9 models only support line out.

** Dimensions & Jack Panels may differ from the above image, so please contact LG sales team to verify before ordering.