

DISPLAY

Diagonal Size	50"
Resolution	3840 x 21 60 (UHD)
Backlight Unit Type	Direct
Brightness	400
Dynamic Contrast Ratio	1,000,000:1
Static Contrast Ratio	5000:1
Response Time (G to G)	19 ms
Refresh Rate	60 Hz
Life Span	30,000 hours
HDR 10 Pro	Yes
HDR HLG	Yes

BROADCASTING

Digital (Terrestrial,Cable,Satellite)	ATSC / Clear QAM / VSB
Analog	NTSC
Closed Caption	Yes
MPEG-2 / MPEG-4 H.264 Decoding	Yes
IPTV Capable	Yes

AUDIO

Speaker System	10W + 10W (2.0 ch)
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AI Sound	Yes
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One Touch Sound Tuning	Yes
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LG Sound Sync	Yes
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HOSPITALITY

Pro:Centric Data Streaming (IP & RF)	Yes
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HCAP (GEM / FLASH / HTML)	GEM / HTML5
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Pro:Centric IP Return Path	Yes
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Multicast / Unicast ready	Yes / Yes
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Pro:Centric webRTC	Yes
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Pro:Centric Direct (HTML)	Yes
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Pro:Centric Application (Java)	Yes
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Quick Menu Version	4.0
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Pro:Idiom DRM (S/W, Mobile, Lite)	Yes
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SMART FEATURES

Smart Home (Launcher Bar)	Yes
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Gallery Mode	Yes
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Web Browser	Yes
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Pre-loaded Apps	Yes
SDP Server Compatible	Yes
Magic Remote	Yes (MR18HA)
SW Clock (World Clock / Alarm)	Yes
Soft AP	Yes
Wi-Fi (802.11ac)	Yes
Screen Share (Miracast)	Yes
Smart Share (DLNA)	Yes
LG Connect (LG TV Plus App)	Yes
Dial	Yes
Beacon	Yes
Bluetooth Sound Sync	Yes
Mobile Connection Overlay	Yes
Voice Recognition (Standalone Solution)	Yes
IoT	Yes

OTHER FEATURES

First Use Wizard	Yes
USB Data Cloning	Yes
Wake on RF	Yes
WOL	Yes

Diagnostics	Yes (IP Remote)
External Control Interface	Yes (MPI, RS-232C)
Simplink (HDMI-CEC) plus CEC-HTNG	Yes (1.4)
IR Signal from Receiver (Logic Low Pulses)	MPI
IR Signal from Receiver (Logic High Pulses)	RS-232C
Multi-code IR	Yes
Installer Menu	Yes
Lock Mode	Yes (Limited)
Port Block	Yes
Welcome Screen	Yes
One Channel Map (LCM)	Yes
Instant On	Yes
VLAN ID	Yes
RJP (Remote Jack Pack) Compatibility	HDMI (CEC)
Moving Picture Playback	Yes
Auto Off / Sleep Timer	Yes/Yes
Energy Saving Mode	Yes
Motion Eye Care	Yes
Embedded b-LAN	Yes
NTP Sync Timer	Yes

Video Tag	Yes (2 Supported)
INTERFACES	
HDMI In	3 (2.0)
USB	1
RF In (Tuner)	1 (dual b-LAN)
Digital Audio Out (Optical)	1
RS-232C (D-Sub 9-Pin / 3.5mm Jack)	3.5mm Jack (4-Pin)
Speaker Out / Line Out (UR770H0 Models Only)	3.5mm Stereo Jack
Audio Line Out (UR770H9 Models Only)	3.5mm Stereo Jack
TV-LINK CFG	3.5mm Stereo Jack
Service Only	3.5mm Stereo Jack
RJ45	2 (Ethernet, Aux)
Game Control/MPI (RJ12)	Yes

MECHANICAL & POWER

Stand Type	1 pole - Swivel
Front Color	Navy Blue (nearly black)
VESA Compatible	200x200
Kensington Lock	Yes
Credenza / Security Screw Hole	Yes

Lock Down Plate	Yes
Weight without Stand	12.1 kg / 26.7 lbs
Weight with Stand	15.3 kg / 33.7 lbs
Shipping Weight	18.6 kg / 41 lbs
Dimensions without Stand	1121 x 651 x 57.1 mm 44.1 x 25.6 x 2. in
Dimensions with Stand	1121 x 713 x 303 mm 44.1 x 28.1 x 11.9 in
Shipping Dimensions	1317 x 810 x 188 mm 51.9 x 31.9 x 7.4 in
Bezel Width (L/R/T/B): On Bezel	12.8/12.8/12.8/19.9
Bezel Width (L/R/T/B): Off Bezel	7.3/7.3/7.8/18.4
Power Supply	100-240 Vac, 50/60 Hz
Max Power Consumption	135 W
Typical Power Consumption	57 W
Standby Power Consumption	< 0.5W

WARRANTY & OTHER

Standards	UL
EMC Certification	FCC
Warranty	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)