






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


## UR640S9UD Series

# LG Ultra HD TV Signage

 Superb Picture Quality with Ultra HD Resolution

 Attractive Design with Slim Depth

 Versatile Content Management with LG SuperSign CMS

 Embedded Content & Group Management



### UR640S9UD Series

Available Sizes 86" / 75" / 65" / 55" / 50" / 43"

Screen Resolution 3,840 x 2,160 (UHD)

Operation Time 16 Hours / 7 Days

Brightness 86" / 75": 330 nits  
65" / 55" / 50": 400 nits  
43": 300 nits

LG Solution Compatibility Promota App, LG ConnectedCare, LG SuperSign CMS, LG SuperSign Control

		86UR640S9UD	75UR640S9UD	65UR640S9UD	55UR640S9UD	50UR640S9UD	43UR640S9UD
DISPLAY	Size	86"	75"	65"	55"	50"	43"
	Resolution	3840 X 2160 (UHD)	3840 X 2160 (UHD)	3840 X 2160 (UHD)	3840 X 2160 (UHD)	3840 X 2160 (UHD)	3840 X 2160 (UHD)
	Backlight Unit Type	Direct	Direct	Direct	Direct	Direct	Direct
	Brightness	330 nits	330 nits	400 nits	400 nits	400 nits	300 nits
	Dynamic Contrast Ratio (Dynamic MCI (Hz))	1,000,000:1	1,000,000:1	1,000,000:1	1,000,000:1	1,000,000:1	1,000,000:1
	Static (Panel) Contrast Ratio	1200:1	1200:1	1200:1	1300:1	5,000:1	1200:1
	Response Time (G to G)	5 ms	8 ms	8 ms	14 ms	19 ms	8 ms
	Refresh Rate	120 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
	Life Span	30,000 hrs	30,000 hrs	30,000 hrs	30,000 hrs	30,000 hrs	30,000 hrs
HDR_HDR 10 Pro	Yes	Yes	Yes	Yes	Yes	Yes	
HDR_HLG	Yes	Yes	Yes	Yes	Yes	Yes	
AUDIO	Built-in Speakers	2.0 channel, 10W + 10W	2.0 channel, 10W + 10W	2.0 channel, 10W + 10W	2.0 channel, 10W + 10W	2.0 channel, 10W + 10W	2.0 channel, 10W + 10W
	LG Sound Sync	Yes (Bluetooth Required)	Yes (Bluetooth Required)	Yes (Bluetooth Required)	Yes (Bluetooth Required)	Yes (Bluetooth Required)	Yes (Bluetooth Required)
BROADCASTING	Broadcasting System	ATSC, Clear QAM, Analog NTSC	ATSC, Clear QAM, Analog NTSC	ATSC, Clear QAM, Analog NTSC	ATSC, Clear QAM, Analog NTSC	ATSC, Clear QAM, Analog NTSC	ATSC, Clear QAM, Analog NTSC
	Global IPTV Support	Yes	Yes	Yes	Yes	Yes	Yes
SMART FEATURES	Smart Home (Launcher Bar)	Yes	Yes	Yes	Yes	Yes	Yes
	Quick Access	Yes	Yes	Yes	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes	Yes	Yes	Yes
	Pre-loaded App	YouTube	YouTube	YouTube	YouTube	YouTube	YouTube
	SDP Server compatibility	Yes	Yes	Yes	Yes	Yes	Yes
	SW Clock (World Clock / Alarm)	Yes	Yes	Yes	Yes	Yes	Yes
	Mood Display	Yes	Yes	Yes	Yes	Yes	Yes
	SoftAP	Yes	Yes	Yes	Yes	Yes	Yes
	Wi-Fi	802.11ac	802.11ac	802.11ac	802.11ac	802.11ac	802.11ac
	Screen Share (Miracast)	Yes	Yes	Yes	Yes	Yes	Yes
	Smart Share	Yes	Yes	Yes	Yes	Yes	Yes
	LG ThinQ App	Yes	Yes	Yes	Yes	Yes	Yes
	DIAL	Yes	Yes	Yes	Yes	Yes	Yes
Bluetooth Audio Playback	Yes	Yes	Yes	Yes	Yes	Yes	
Mobile Connection Overlay	Yes	Yes	Yes	Yes	Yes	Yes	
OTHER FEATURES	HDMI-ARC	ARC, HDMI2	ARC, HDMI2	ARC, HDMI2	ARC, HDMI2	ARC, HDMI2	ARC, HDMI2
	USB Cloning	Yes	Yes	Yes	Yes	Yes	Yes
	WOL	Yes	Yes	Yes	Yes	Yes	Yes
	SNMP	Yes	Yes	Yes	Yes	Yes	Yes
	Self Diagnostics (USB)	Yes	Yes	Yes	Yes	Yes	Yes
	SI Compatible Protocol	TVLink Tuner	TVLink Tuner	TVLink Tuner	TVLink Tuner	TVLink Tuner	TVLink Tuner
	HTNG-CEC	Yes	Yes	Yes	Yes	Yes	Yes
	Simplink (HDMI-CEC)	1.4	1.4	1.4	1.4	1.4	1.4
	IR Out	RS-232C	RS-232C	RS-232C	RS-232C	RS-232C	RS-232C
	Multi-code IR	Yes	Yes	Yes	Yes	Yes	Yes
	Hotel Mode / PDM / Installer Menu	Yes	Yes	Yes	Yes	Yes	Yes
	Lock mode	Yes (Limited)	Yes (Limited)	Yes (Limited)	Yes (Limited)	Yes (Limited)	Yes (Limited)
	Port Block	Yes	Yes	Yes	Yes	Yes	Yes
	Welcome Screen (Splash Image)	Yes	Yes	Yes	Yes	Yes	Yes
	Insert Image	Yes	Yes	Yes	Yes	Yes	Yes
	IP Channel Manager	Yes	Yes	Yes	Yes	Yes	Yes
	External Speaker Out	Int / Fixed, 3.5mm, Stereo, Single ended Type(GND,L+,R+), 2W with 8Ω	Int / Fixed, 3.5mm, Stereo, Single ended Type(GND,L+,R+), 2W with 8Ω	Int / Fixed, 3.5mm, Stereo, Single ended Type(GND,L+,R+), 2W with 8Ω	Int / Fixed, 3.5mm, Stereo, Single ended Type(GND,L+,R+), 2W with 8Ω	Int / Fixed, 3.5mm, Stereo, Single ended Type(GND,L+,R+), 2W with 8Ω	Int / Fixed, 3.5mm, Stereo, Single ended Type(GND,L+,R+), 2W with 8Ω
	RJP (remote jack pack) Compatibility	Teleadapt/Guestlink (HDMI CEC)	Teleadapt/Guestlink (HDMI CEC)	Teleadapt/Guestlink (HDMI CEC)	Teleadapt/Guestlink (HDMI CEC)	Teleadapt/Guestlink (HDMI CEC)	Teleadapt/Guestlink (HDMI CEC)
	Moving Picture Playback (SD/HD/Plus HD)	Yes	Yes	Yes	Yes	Yes	Yes
	Auto Off / Sleep Timer	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
	Energy Saving mode	Yes	Yes	Yes	Yes	Yes	Yes
	Motion Eye Care	Yes	Yes	Yes	Yes	Yes	Yes
	Crestron Certi. Compatibility	Yes	Yes	Yes	Yes	Yes	Yes
	DPM (Digital Power Management)	Yes	Yes	Yes	Yes	Yes	Yes
	Time scheduler	Yes	Yes	Yes	Yes	Yes	Yes
	RTC (Real Time Clock)	Yes	Yes	Yes	Yes	Yes	Yes
	NTP sync timer	Yes	Yes	Yes	Yes	Yes	Yes

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OTHER FEATURES	BEACON	Yes	Yes	Yes	Yes	Yes	Yes
	Embedded CM (Contents Manager)	Yes	Yes	Yes	Yes	Yes	Yes
	Embedded GM (Group Manager)	Yes	Yes	Yes	Yes	Yes	Yes
	Promota / Mobile CMS	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
	SuperSign Control / Control Plus	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
	SuperSign CMS(Premium)	Yes	Yes	Yes	Yes	Yes	Yes
	Simple Editor	Yes	Yes	Yes	Yes	Yes	Yes
INTERFACES	HDMI In	3 (v2.0)	3 (v2.0)	3 (v2.0)	3 (v2.0)	3 (v2.0)	3 (v2.0)
	RS-232C	3.5mm Stereo Jack	3.5mm Stereo Jack	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	3.5mm Stereo Jack	3.5mm Stereo Jack
	USB 2.0	1	1	1	1	1	1
	RF In	1	1	1	1	1	1
	Optical Digital Audio Out	1	1	1	1	1	1
	Line Out	3.5mm Stereo Jack	3.5mm Stereo Jack	3.5mm Stereo Jack	3.5mm Stereo Jack	3.5mm Stereo Jack	3.5mm Stereo Jack
RJ45 (LAN)	1	1	1	1	1	1	
MECHANICAL	Stand Type	86/75/65/55/50": 20Y 2Pole 43": 18Y 2Pole	86/75/65/55/50": 20Y 2Pole 43": 18Y 2Pole	86/75/65/55/50": 20Y 2Pole 43": 18Y 2Pole	86/75/65/55/50": 20Y 2Pole 43": 18Y 2Pole	86/75/65/55/50": 20Y 2Pole 43": 18Y 2Pole	86/75/65/55/50": 20Y 2Pole 43": 18Y 2Pole
	Front Color	Blue	Blue	Blue	Blue	Blue	Blue
	VESA Compatible	600 x 400	400 x 400	300 x 300	300 x 300	200 x 200	200 x 200
	Kensington Lock	Yes	Yes	Yes	Yes	Yes	Yes
	Weight without Stand	99.6 lbs / 45.2 kg	69.2 lbs / 31.4 kg	47.4 lbs / 21.5 kg	30.9 lbs / 14.0 kg	25.8 lbs / 11.7 kg	19.4 lbs / 8.8 kg
	Weight with Stand	101.2 lbs / 45.9 kg	70.8 lbs / 32.1 kg	48.1 lbs / 21.8 kg	31.3 lbs / 14.2 kg	26.2 lbs / 11.9 kg	19.6 lbs / 8.9 kg
	Shipping Weight	128.8 lbs / 58.4 kg	91.5 lbs / 41.5 kg	61.3 lbs / 27.8 kg	41.9 lbs / 19.0 kg	32.2 lbs / 14.6 kg	24.5 lbs / 11.0 kg
	Dimensions without Stand	75.9 x 43.5 x 2.4 in 1927 x 1104 x 59.9 mm	66.1 x 38.0 x 2.4 in 1678 x 964 x 59.9 mm	57.2 x 33.0 x 2.3 in 1454 x 838 x 57.7 mm	48.6 x 28.1 x 2.3 in 1235 x 715 x 57.5 mm	44.1 x 25.6 x 2.2 in 1121 x 651 x 57.1 mm	38.1 x 22.2 x 2.2 in 967 x 564 x 57.1 mm
	Dimensions with Stand	75.9 x 45.9 x 14.3 in 1927 x 1167 x 362 mm	66.1 x 40.4 x 14.3 in 1678 x 1027 x 362 mm	57.2 x 35.4 x 10.7 in 1454 x 899 x 271 mm	48.6 x 30.4 x 9.1 in 1235 x 772 x 232 mm	44.1 x 27.9 x 9.1 in 1121 x 708 x 232 mm	38.1 x 24.5 x 8.5 in 967 x 622 x 216 mm
	Dimensions in Shipping	83.3 x 47.8 x 9.0 in 2115 x 1215 x 228 mm	74.0 x 43.9 x 7.9 in 1880 x 1115 x 200 mm	63.0 x 38.2 x 6.8 in 1600 x 970 x 172 mm	53.5 x 31.9 x 6.4 in 1360 x 810 x 162 mm	47.8 x 30.5 x 6.0 in 1215 x 775 x 152 mm	41.5 x 26.0 x 5.6 in 1055 x 660 x 142 mm
Bezel Width (L/R/U/B): On Bezel	15.9 / 15.9 / 15.9 / 19.9 mm	13.9 / 13.9 / 13.9 / 19.9 mm	12.8 / 12.8 / 12.8 / 19.9 mm	12.8 / 12.8 / 12.8 / 19.9 mm	12.8 / 12.8 / 12.8 / 19.9 mm	12.8 / 12.8 / 12.8 / 19.9 mm	
Bezel Width (L/R/U/B): Off Bezel	6.9 / 6.9 / 6.9 / 18.4 mm	7.9 / 7.9 / 7.9 / 18.4 mm	6.8 / 6.8 / 6.8 / 18.4 mm	6.9 / 6.9 / 6.9 / 18.4 mm	7.3 / 7.3 / 7.8 / 18.4 mm	6.9 / 6.9 / 6.9 / 18.4 mm	
POWER	Power Supply (Voltage, Hz)	120 Vac, 50/60 Hz	120 Vac, 50/60 Hz	120 Vac, 50/60 Hz	120 Vac, 50/60 Hz	120 Vac, 50/60 Hz	120 Vac, 50/60 Hz
	Power Consumption (Max)	339 W	228 W	198 W	166.3 W	144.8 W	119.1 W
	Power Consumption (Typ)	313 W	202 W	169 W	140.1 W	118.8 W	97.7 W
	Standby Power Consumption	Less than 0.5W	Less than 0.5W	Less than 0.5W	Less than 0.5W	Less than 0.5W	Less than 0.5W
WARRANTY & OTHER	Standards	UL	UL	UL	UL	UL	UL
	EMC Certification	FCC	FCC	FCC	FCC	FCC	FCC
	Environmental	EPEAT, ISTA6	EPEAT, ISTA6	EPEAT, ISTA6	EPEAT, ISTA6	EPEAT, ISTA6	EPEAT, ISTA6
	Accessories	L-Con Remote Control, Power Cable (2m, Attached), Optional Chromecast Anti-theft Accessory	L-Con Remote Control, Power Cable (2m, Attached), Optional Chromecast Anti-theft Accessory	L-Con Remote Control, Power Cable (2m, Attached), Optional Chromecast Anti-theft Accessory	L-Con Remote Control, Power Cable (2m, Attached), Optional Chromecast Anti-theft Accessory	L-Con Remote Control, Power Cable (2m, Attached), Optional Chromecast Anti-theft Accessory	L-Con Remote Control, Power Cable (2m, Attached), Optional Chromecast Anti-theft Accessory