UHD Commercial TV with Essential Smart Function

UU640C

LG Commercial Lite TVs are designed specifically for diverse business environments. Especially via compatibility with AV Control system and DPM(Display Power Management) as well as its smart connectivity, simple user friendly interface, and ULTRA HD picture quality, the UU640C series enhances the ease of use while facilitating communications between businesses and their target audiences. Also, managers can improve management efficiency by using management features such as Content Manager, Group Manager, Wake On LAN, Simple Network Management Protocol.

LG Business Solutions

* Actual product appearance may differ from the above simulated scene.
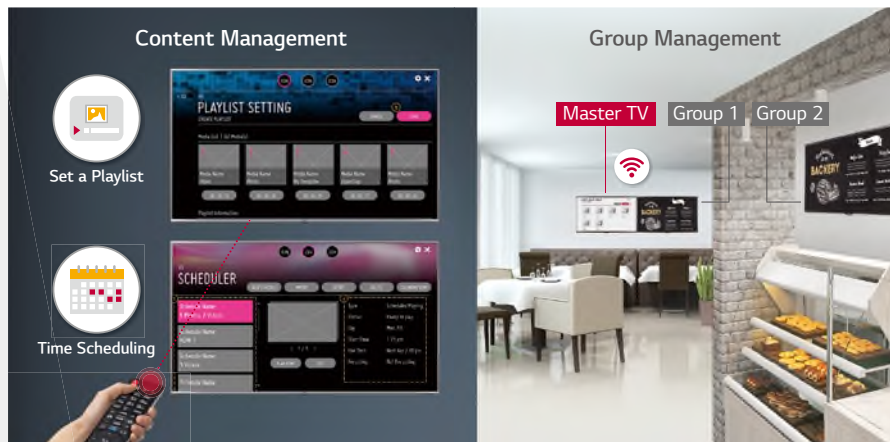
UHD Commercial TV with Essential Smart Function
UU640C

Simple Content Management

Embedded Content Management & Group Management

The embedded Content Management & Group Management System allows you to edit and play content, schedule a playlist and even group and control signages via remote control, mouse or even mobile phone, without needing a separate PC or software. This makes content management much easier and user-friendly.

USB Data Cloning

USB data cloning makes managing multiple displays more efficient for optimal operation, since users don't have to set up each display one by one. Once users copy data to a USB in one display, it will be easily distributed to others through a USB plug-in.

Content Management

Set a Playlist

Time Scheduling

Group Management

Master TV | Group 1 | Group 2

USB

Settings

* The scenes are simulated for illustrative purposes. Actual GUI may differ from the accompanying image.
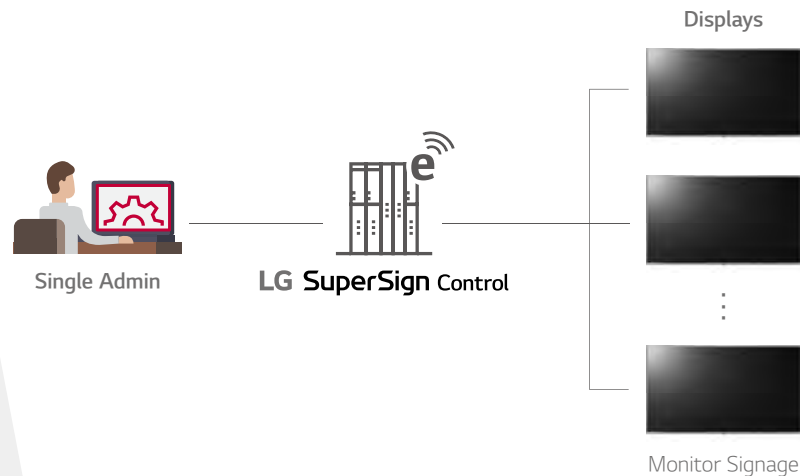** All displays must be connected to the same network.

UHD Commercial TV with Essential Smart Function
UU640C

Value-added Software Solution

SuperSign Control

SuperSign Control is a basic control software. Up to 100 displays are controlled by one account with a single server. Essential factors such as power, volume, scheduling can be remotely adjusted, with firmware updates supported.

Displays

Single Admin

LG SuperSign Control

Monitor Signage

* SuperSign Control : Free version (Good at - Operating small and medium-sized signage displays)
* SuperSign Control+ : Advanced and Paid version (Good at - Operating large-scale signage displays)
* See more for SuperSign Control+ at LG.com/B2B

Perfect picture quality and color

Enjoy Full HD content in 4K ULTRA HD quality by 4K Upscaler. The 4K Upscale automatically upgrades Full HD content to ULTRA HD through several steps of the upscaling processes. And also this LG TV can deliver intense highlights, vivid colors and deep black on the screen by HDR10.

FULL HD   4K ULTRA HD

UHD Commercial TV with Essential Smart Function
UU640C

Easier Maintenance

Real-Time Remote Monitoring

In case of malfunctions or errors, real-timeremote care is available. When an error occurs, a notification can be sent through the SNMP (Simple Network Management Protocol) protocol.

Power & Network in One Line

WOL (Wake-on-LAN) enables users to send a message through network to turn on displays. This greatly simplifies the installation and maintenance processes as only a single wire is required for power and network connection.

Network

Power   Data

UHD Commercial TV with Essential Smart Function
UU640C

Better Usability - Meeting room
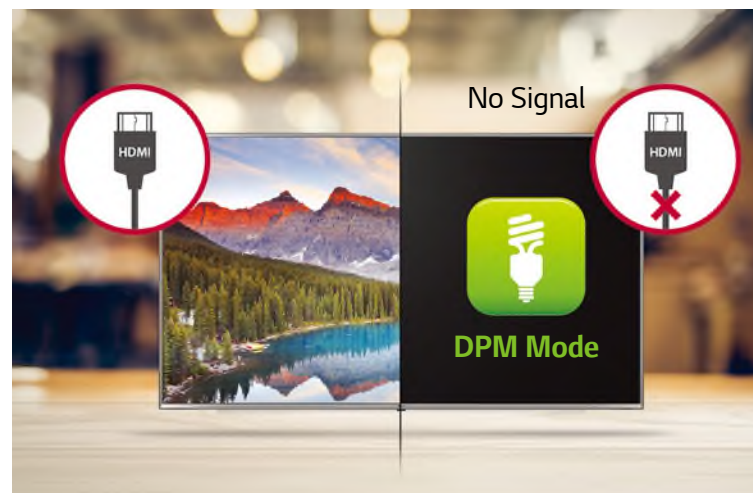
Compatibility with AV Control Systems

This LG TV has Crestron Connected® Certification, a function that is dedicated to meeting room and that meets the growing need in corporate meeting space market.
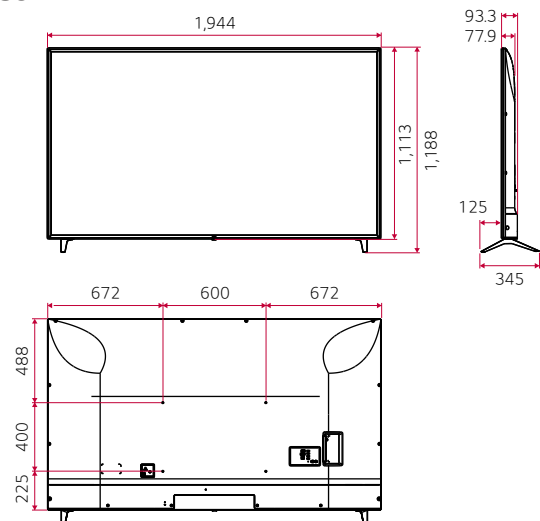

DPM (Display Power Management)

From now on, you can configure the DPM$^{(Display Power Management)}$ function by setting the function to on. When there is no signal, the TVs enters to DPM mode to manage power efficiently.
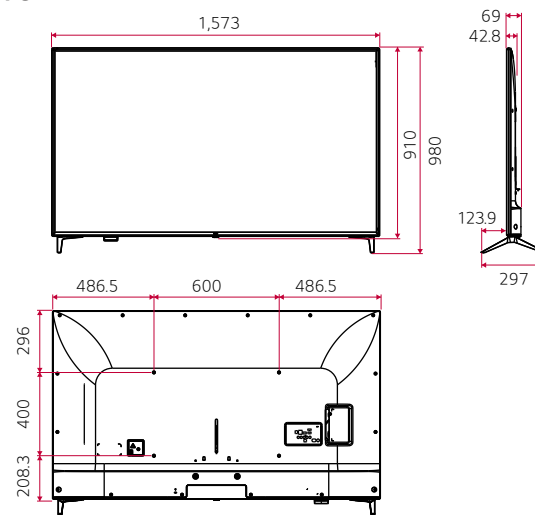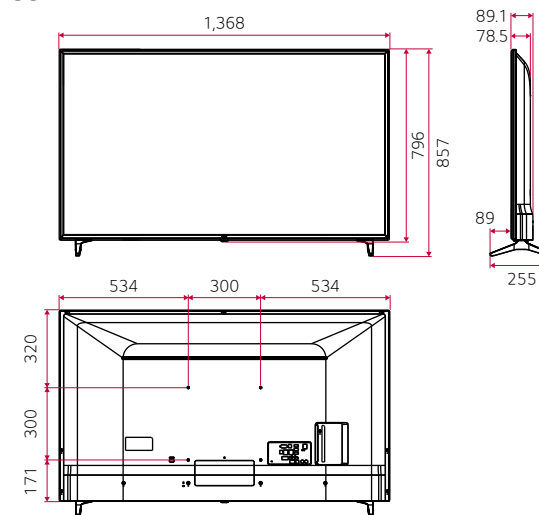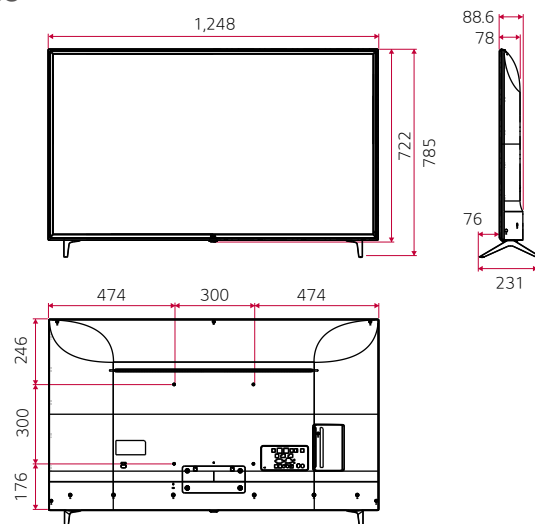

No Signal

HDMI

DPM Mode

* It is a network based control system.
  Available AV control systems may differ by regions.

Dimensions

86"

1,944	93.3 / 77.9	
1,113 / 1,188	125	
345		
672	600	672
488		
400		
225		

70"

1,573	69 / 42.8	
910 / 980	123.9	
297		
486.5	600	486.5
296		
400		
208.3		

60"

1,368	89.1 / 78.5	
796 / 857	89	
255		
534	300	534
320		
300		
171		

55"

1,248	88.6 / 78	
722 / 785	76	
231		
474	300	474
246		
300		
176		

49"

1,110	81.1 / 72	
645 / 709	76	
231		
405	300	405
179		
300		
166		

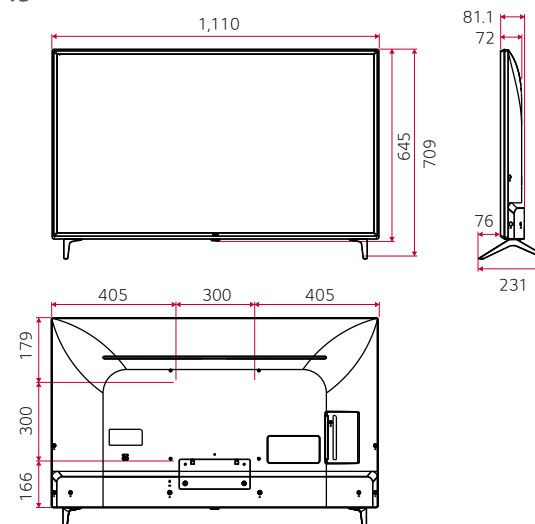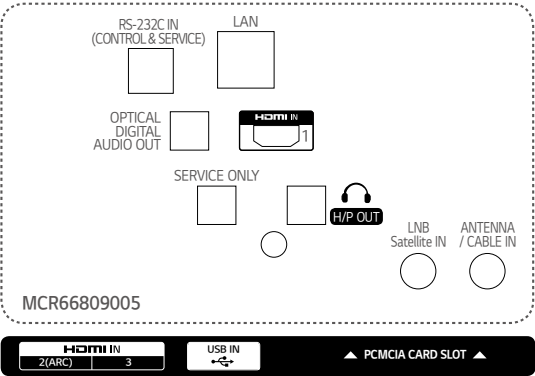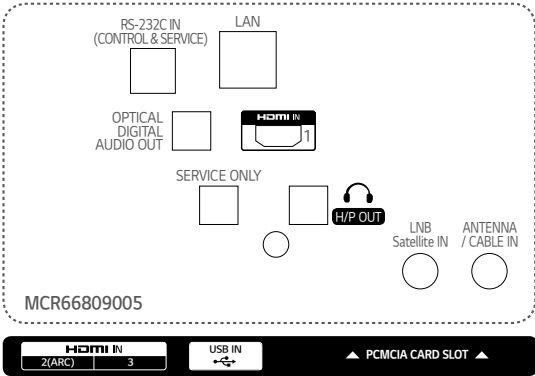* UU640C (MEA) series basically have a two-pole stand, but it is able to detach the stand from the body, per service environment (can be used as a wall-mount unit).
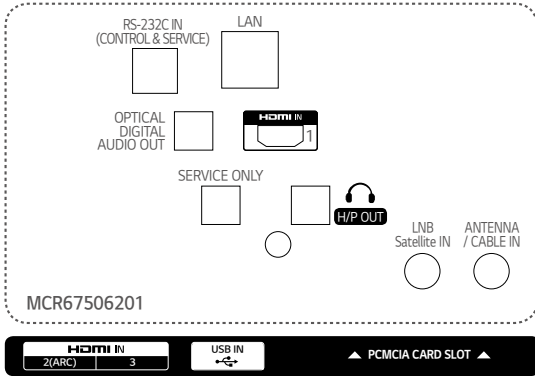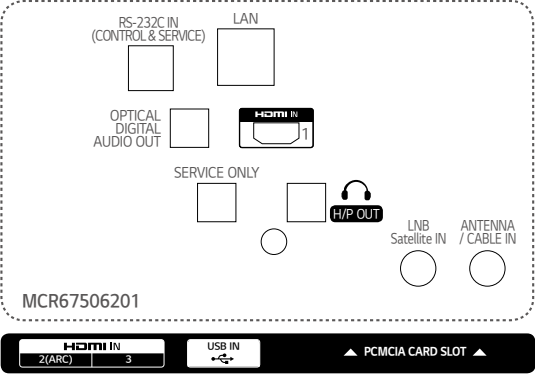
Connectivity

86"
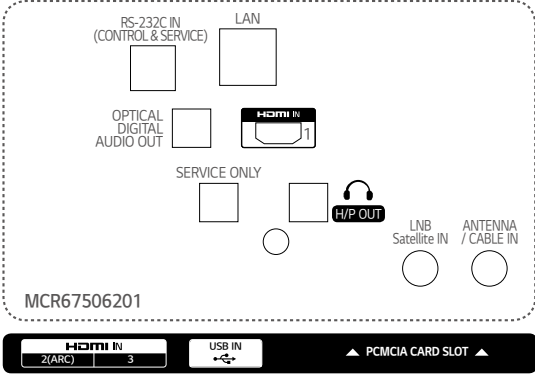
RS-232C IN
(CONTROL & SERVICE)
LAN
OPTICAL DIGITAL AUDIO OUT
HDMI IN 1
SERVICE ONLY
H/P OUT
LNB Satellite IN
ANTENNA / CABLE IN
MCR66809005

HDMI IN 2(ARC) 3 | USB IN | ▲ PCMCIA CARD SLOT ▲

70"

RS-232C IN
(CONTROL & SERVICE)
LAN
OPTICAL DIGITAL AUDIO OUT
HDMI IN 1
SERVICE ONLY
H/P OUT
LNB Satellite IN
ANTENNA / CABLE IN
MCR66809005

HDMI IN 2(ARC) 3 | USB IN | ▲ PCMCIA CARD SLOT ▲

60"

RS-232C IN
(CONTROL & SERVICE)
LAN
OPTICAL DIGITAL AUDIO OUT
HDMI IN 1
SERVICE ONLY
H/P OUT
LNB Satellite IN
ANTENNA / CABLE IN
MCR67506201

HDMI IN 2(ARC) 3 | USB IN | ▲ PCMCIA CARD SLOT ▲

55"

RS-232C IN
(CONTROL & SERVICE)
LAN
OPTICAL DIGITAL AUDIO OUT
HDMI IN 1
SERVICE ONLY
H/P OUT
LNB Satellite IN
ANTENNA / CABLE IN
MCR67506201

HDMI IN 2(ARC) 3 | USB IN | ▲ PCMCIA CARD SLOT ▲

49"

RS-232C IN
(CONTROL & SERVICE)
LAN
OPTICAL DIGITAL AUDIO OUT
HDMI IN 1
SERVICE ONLY
H/P OUT
LNB Satellite IN
ANTENNA / CABLE IN
MCR67506201

HDMI IN 2(ARC) 3 | USB IN | ▲ PCMCIA CARD SLOT ▲

* Dimensions & Jack Panels (Read/Side) may differ from the above image, so please contact LG salesteam to verify before ordering.

Specifications

		86UU640C	70UU640C	60UU640C	55UU640C	49UU640C
PANEL	Screen Size	86"	70"	60"	55"	49"
	Backlight Type	Trident	Edge	Trident	Trident	Direct
	Resolution	3,840 x 2,160 (4K UHD)	3,840 x 2,160 (4K UHD)	3,840 x 2,160 (4K UHD)	3,840 x 2,160 (4K UHD)	3,840 x 2,160 (4K UHD)
	Brightness (cd/m^2)	350	400	350	500	400
	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
	Static (Panel) Contrast Ratio	1,400:1	4,000:1	1,300:1	1,300:1	1,200:1
	Viewing Angle Degree	178	176	178	178	178
	Response Time (G to G, ms)	5	8	9	9	8
BROADCASTING SYSTEM	Analog	• (PAL/SECAM)	• (PAL/SECAM)	• (PAL/SECAM)	• (PAL/SECAM)	• (PAL/SECAM)
	Digital	•	•	•	•	•
VIDEO	XD Engine	•	•	•	•	•
	Aspect Ratio	• 5 modes (16:9, Original, 4:3, Vertical Zoom, All-Direction Zoom)				
	HDR 10 / HDR Dolby Vision	• / -	• / -	• / -	• / -	• / -
AUDIO	Audio Output	10W + 10W	10W + 10W	10W + 10W	10W + 10W	10W + 10W
	Speaker System	2.0 ch	2.0 ch	2.0 ch	2.0 ch	2.0 ch
	Sound Mode	• 6 modes (Standard, Cinema, Clear Voice III, Sports, Music, Game)				
	Clear Voice	• (Clear Voice III)	• (Clear Voice III)	• (Clear Voice III)	• (Clear Voice III)	• (Clear Voice III)
	Dolby Atoms	-	-	-	-	-
	Adaptive Sound Control	-	-	-	-	-
	One Touch Sound Tuning	-	-	-	-	-
	Audio Channel	•	•	•	•	•
SMART FEATURE		webOS 4.0, Commercial Smart Home, Gallery Mode, Web Browser, Pre-loaded App (YouTube Only), Soft AP, Wi-Fi (ac), Screen Share (Miracast), DIAL, Bluetooth Audio Playback, LG Sound Sync/bluetooth, Mobile Connection Overlay, Music Player				
SUPERSIGN SW COMPATIBILITY[1]		Control and Monitoring Software (Control+), Simple Editor				
FUNCTION		USB Cloning, WOL (Magic packet only), SNMP, Diagnostics, HTNG-CEC (1.4), HDMI-CEC (1.4), IR Out, Multi IR Code, Auto Off / Sleep Timer, Smart Energy Saving, Motion Eye Care, USB Auto Playback / USB Auto Playback+, Crestron Connected® (Network Based Control), DPM, Time Scheduler, RTC, NTP Sync Timer, BEACON, Embedded CM & GM				
HOSPITALITY FEATURES		Hotel Mode / PDM / Installer Menu, Lock mode (Limited), Welcome Screen, Insert Image, One Channel Map, RJP Interface, RJP Compatibility, DPM, Time Scheduler, RTC, NTP Sync Timer, BEACON				
JACK INTERFACE	Set Side	HDMI In 2.0 (2), USB 2.0, CI Slot				
	Set Rear	RF In (2), Digital Audio Out (Optical), HDMI/HDCP Input 2.0, RS-232C (Control & Service), Headphone Out, RJ45, Debug (Phone Jack Type)				
DIMENSION (UNIT : mm)	VESA Compatible	600 x 400	600 x 400	300 x 300	300 x 300	300 x 300
	W x H x D / Weight (with stand)	TBD / TBD	1,573 x 980 x 297 / 33.2 kg	1,368 x 857 x 255 / 19.6 kg	1,247 x 785 x 231 / 13.9 kg	1,110 x 709 x 231 / 11.3 kg
	W x H x D / Weight (without stand)	TBD / 44.2 kg	1,573 x 910 x 42.8 (SPK 69.0) / 33.2 kg	1,368 x 796 x 78.5 (SPK 89.1) / 21.0 kg	1,247 x 729 x 74.3 (SPK 88.6) / 13.7 kg	1,110 x 650 x 72 (SPK 81.1) / 11.1 kg
	W x H x D / Weight (Packing)	TBD / TBD	1,682 x 1,075 x 175 / 41.3 kg	1,492 x 880 x 190 / 25.3 kg	1,360 x 835 x 175 / 18.5 kg	1,193 x 770 x 158 / 13.4 kg
POWER (UNIT : WATTS)	Voltage, Hz	100 ~ 240 V, 50/60Hz	100 ~ 240 V, 50/60 Hz	100 ~ 240 V, 50/60 Hz	100 ~ 240 V, 50/60 Hz	100 ~ 240 V, 50/60 Hz
	Max	320.8	235.2	211	149.3	133.5
	Typical	306.4	208.1	186	124.1	107.9
	Energy Saving (Min/Med/Max)	199 / 130 / 54	137 / 89 / 35	121 / 80 / 35	88 / 63 / 35	75 / 55 / 33
	Stand-by	0.5↓	0.5↓	0.5↓	0.5↓	0.5↓

1) Software compatibility may change over time. Please contact LG sales representative for details.

* Specifications are subject to change without notice, so please contact LG salesteam to verify before ordering.