Cruise Stateroom and Crew Cabin Pro:Centric® Smart TVs

UT782V | LT662V | LT660V | LS660V Series

Provide your guests and crew with the interactive smart solution, Pro:Centric Smart, for a superior viewing experience. LG cruise stateroom and crew cabin TVs enable you to customize and create your own content with SDK tools, preloaded apps and content management software (Pro:Centric V and Pro:Centric Direct). Also, Ultra HD picture quality with high dynamic range (HDR) and guest-centric technologies increase viewers' satisfaction and leave a lasting impression.

LG | Business Solutions

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KEY FEATURES

Conformal Coating

The UT782V and LT662V Series have been designed with the LG conformal coating to provide additional protection to circuit boards in harsh environments. Conformal coating on every major circuit board protects against dust and humidity.
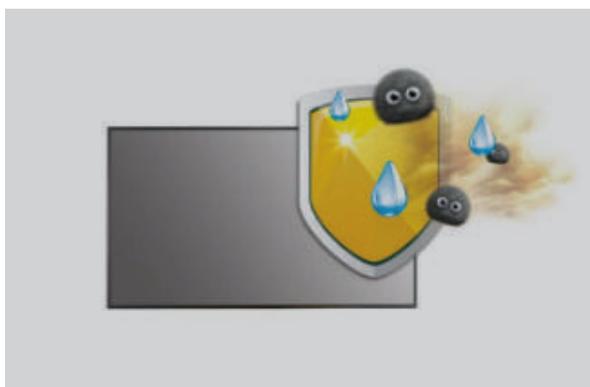
Perfect Picture Quality and Color

Enjoy Full HD content in 4K Ultra HD quality with our 4K upscaler, which automatically upgrades Full HD content to Ultra HD. The UT782V and LT662V Series also deliver intense highlights, vivid colors and deep blacks due to their HDR 10 capability.


FULL HD   4K ULTRA HD
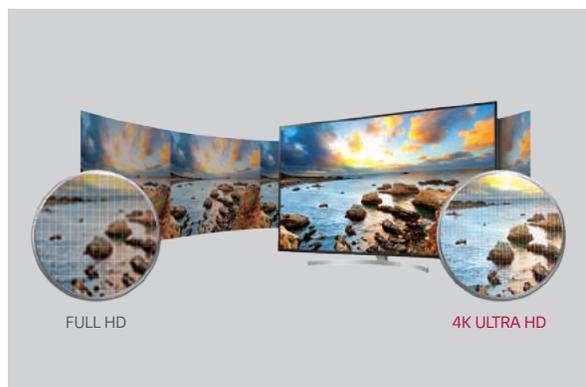
Voice Recognition

The new voice recognition feature enables guests to easily control their LG TV. This Smart interaction may be manipulated by either the TV remote or an optional, server-based remote control.
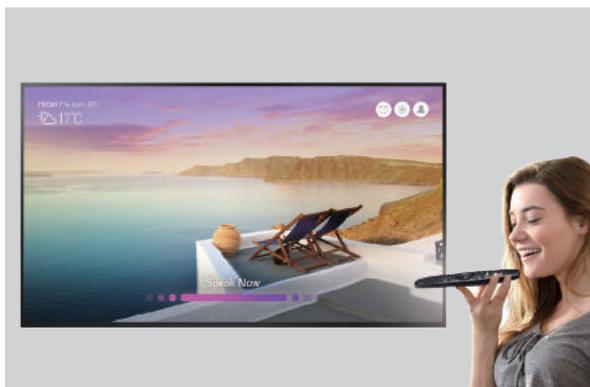
Modular Design for Wireless Control

The UT782V and LT662V Series were specifically designed to accommodate a wireless access point module to give full control over the TV's wireless interface. In addition, they have SoftAP "virtual" Wi-Fi software that can create a reliable hotspot to interface with wireless networks.

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

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PRO:CENTRIC SMART APPLICATION PLATFORM

Pro:Centric Management Solution

Pro:Centric Smart is optimized for customizing hospitality services for guests through an IP & RF infrastructure. With its high picture quality, sophisticated design and advanced connectivity functions, this platform upscales in-cabin entertainment and increases convenience through implementation of high-end technology.
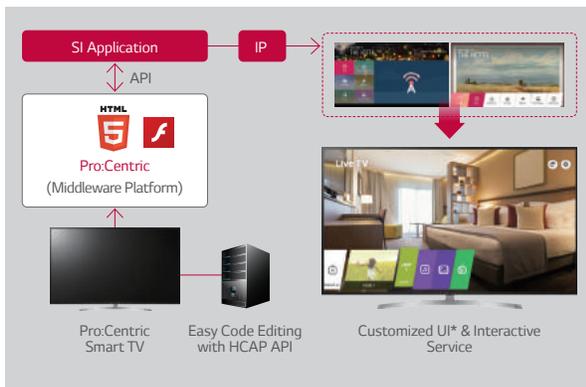
* Customized UI may be different.

Pro:Centric Server Application

You can now differentiate your cabin staterooms and communications with passengers with our easy-to-use templates and pages. Customize messaging for your cruise line or even a particular ship with our simple Pro:Centric tool.

Welcome Page Language Selection

Wake-up Setting Weather Information
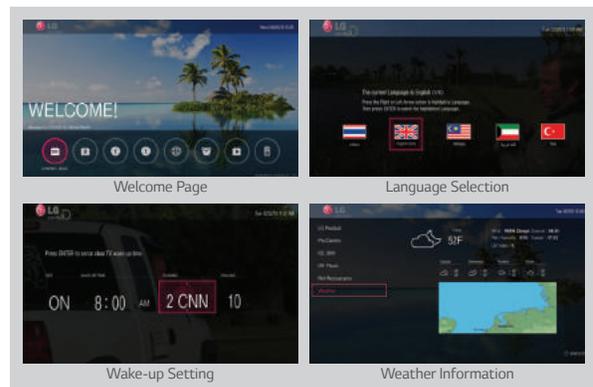
Dozens of Languages

This Series supports 39 languages (including Hebrew, Arabic and Farsi) and language alignment, making cruise guests and crew from around the world feel more at home and comfortable.
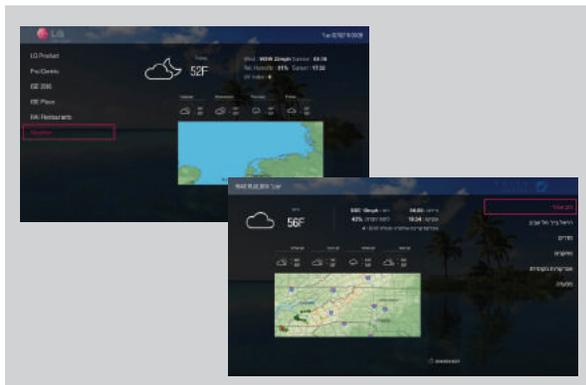
Pro:Centric Direct Solution

Pro:Centric Direct is a content management system that supports various solutions such as one-click service and IP network–based remote management with simple editing tools. With this functionality, cruise lines can easily design their own user interface and provide customized service while efficiently managing TVs on this platform.
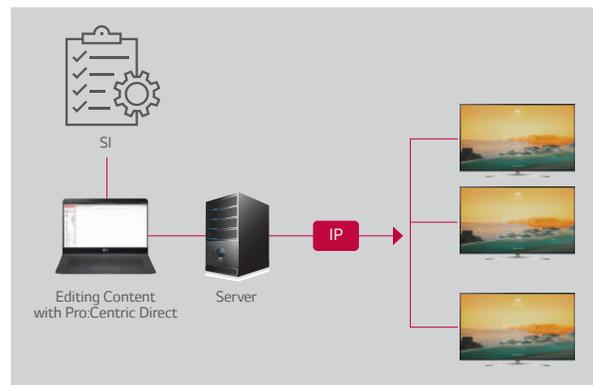
* Actual UI may be different.

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HOSPITALITY AND SMART FEATURES

Smart TV by LG WebOS 4.0

LG Smart TV with webOS 4.0 enables your guests to explore the latest LG Smart TV features, and enjoy TVs that deliver innovative technology, remarkable clarity and true-to-life colors.

* Actual in-screen image may be different.

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. DRM technology also prevents any illegal copying of content.

EZ-Manager

EZ-Manager provides a convenient installation function to automatically choose settings for the Pro:Centric TV without any extra configuration.

LAN out with VLAN (Virtual LAN) ID

Enhance the connectivity experience by overcoming space constraints. This feature enables users to manage a virtual LAN via the LAN out function to set the ID for each device in the TV menu.

<Example>
CASE1 VLAN ID** #100 - VoIP Phone
CASE2 VLAN ID #200 - Laptop
CASE3 VLAN ID #201 - OTT Box
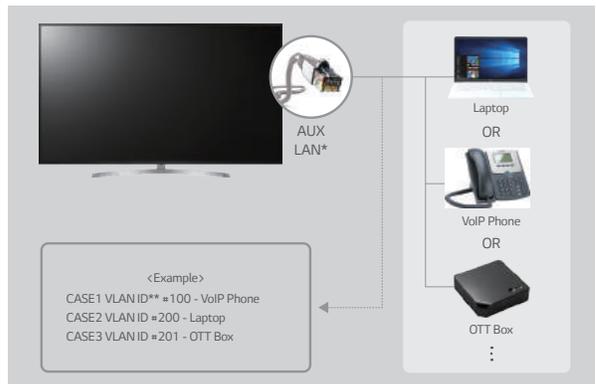
* AUX LAN (LAN out) ID. Set a VLAN ID to be assigned to external devices connected to the LAN out port. (An AUX LAN is used for assigning a VLAN ID.)
** VLAN ID: Create a separate virtual LAN group with ID (tagging).

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HOSPITALITY AND SMART FEATURES

Smart Share

Smart Share allows users to share content more easily and quickly, simplifying the process and ensuring accuracy via the technologies' ability to search for content.

New Quick Menu 3.0 (LT662V Series only)

You can enjoy LG's simple home menu solution, which provides editable welcome message, date/time and other frequently used menus in the form of a menu bar. These options can all be set with a remote control or USB, and guests are able to easily access the menus they want.

4 Templates
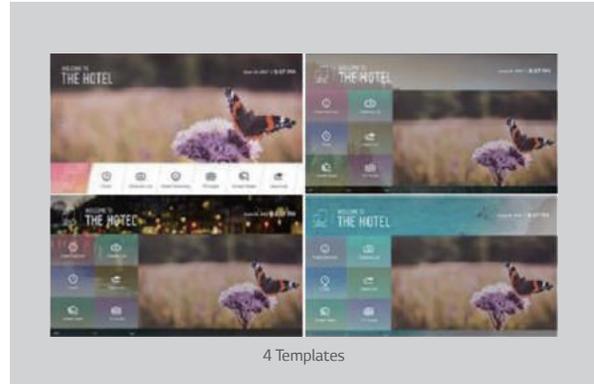
Bluetooth Sound Sync

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

Screen Share

Connect a smartphone or a laptop PC to TV via a Wi-Fi direct connection. The TV will display the device's screen, and guests can share their content and memories together.
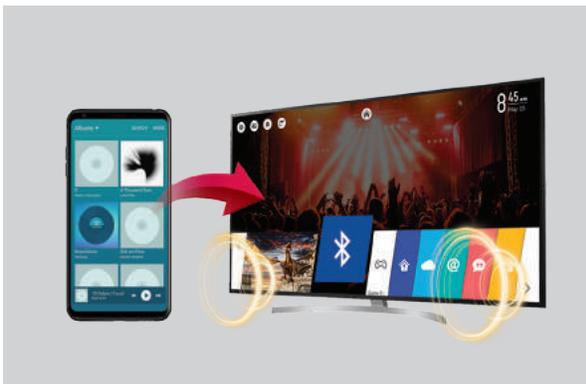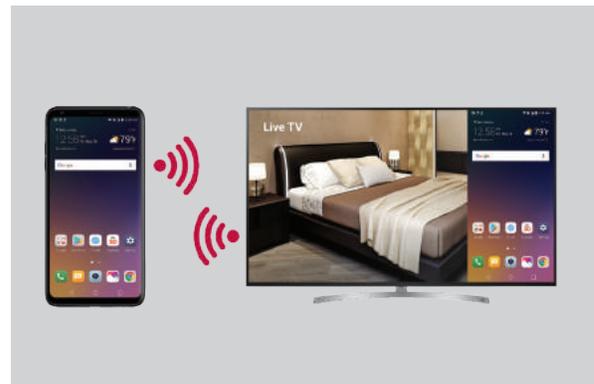
* Supported devices for Bluetooth Sound Sync: Android (above v4.4 KitKat) / iOS-based mobile device.

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		43UT782V0UA	32LT662VBUC / 28LT662VBUB	24LT660VBUA	22LS660V
DISPLAY	Screen Size	43" (3D Cinema Screen)	32" / 28"	24"	22"
	Resolution	3,840 X 2,160 (UHD)	1,366 x 768 (HD)	1,366 x 768 (HD)	1,920 x 1,080 (FHD)
	Backlight Unit Type	Edge LED	Direct LED	Edge LED	Edge LED
	Brightness	350 nits	240 nits (32") / 200 nits (28")	250 nits	250 nits
	Dynamic Contrast Ratio (Dynamic MCI (Hz))	1,000,000:1	1,000,000:1	1,000,000:1	500,000:1
	Static (Panel) Contrast Ratio	1100:1	1200:1	3000:1	1000:1
	Response Time (G to G)	8 ms	8 ms	8.5 ms	14 ms
	TruMotion / Refresh Rate	120 Hz	60 Hz	60 Hz	60 Hz
	Lifetime Operation	30,000 hrs	30,000 hrs	30,000 hrs	30,000 hrs
	HDR_HDR 10 Pro	Yes	No	No	No
	HDR_HLG	Yes	No	No	No
	UHD Contents Streaming Support	USB / IP / HDMI / RF	No	No	No
	Tru 4K Upscaler	Yes	No	No	No
BROADCASTING	Digital	ATSC / Clear QAM / VSB	ATSC / Clear QAM / VSB	ATSC / Clear QAM / VSB	ATSC / Clear QAM / VSB
	Analog	NTSC	NTSC	NTSC	NTSC
	MPEG-2 / MPEG-4 H.264 Decoding	Yes	Yes	Yes	Yes
AUDIO	Speaker (sound output)	10W + 10W	5W + 5W	5W + 5W	5W + 5W
	Speaker System	2.0 ch	2.0 ch	2.0 ch	2.0 ch
	One Touch Sound Tuning	Yes	Yes	Yes	Yes
	LG Sound Sync	Optical / Bluetooth Wireless	Optical / Bluetooth Wireless	Optical / Bluetooth Wireless	Optical / Bluetooth Wireless
HOSPITALITY	Pro:Centric Smart	Yes	Yes	Yes	Yes
	Data Streaming (IP & RF)	Yes	Yes	Yes	Yes
	HCAP (GEM / FLASH / HTML)	GEM / HTML5	GEM / HTML5	GEM / HTML5	GEM / FLASH/ HTML5
	IP Return Path	Yes	Yes	Yes	Yes
	Multicast / Unicast Ready	Yes	Yes	Yes	Yes
	webRTC (Real Time Communication)	Yes	Yes	Yes	Yes
	Pro:Centric Direct (version)	3.0	3.0	3.0	4.0
	Pro:Centric Application (version)	PCA3.8.5	PCA3.8.5	PCA3.8.5	PCA3.8.5
	Pro:Centric Server	PCS400R	PCS400R	PCS400R	PCS200S
	Quick Menu (version)	3.0	3.0	3.0	2.0
	Pro:Idiom DRM	SW Type / Mobile / Lite	SW Type / Mobile / Lite	SW Type / Mobile / Lite	SW Type
SMART FEATURES	Smart Launcher	Yes	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes	Yes
	Pre-loaded Apps	Yes	Yes	Yes	Yes
	Magic Remote Compatibility	Yes	Yes	Yes	Yes
	SoftAP	Yes	Yes	Yes	Yes
	Wi-Fi	Yes	Yes	Yes	Yes
	Screen Share (Miracast)	Yes	Yes	Yes	Yes
	Smart Share (DLNA)	Yes	Yes	Yes	Yes
	LG Connect (LG TV Plus App)	Yes	Yes	Yes	Yes
	Beacon	Yes	Yes	Yes	Yes
	Bluetooth Sound Sync	Yes	Yes	Yes	Yes
	Mobile Connection Overlay	Yes	Yes	Yes	Yes

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OTHER FEATURES	First Use 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, RS232C)	Yes (MPI, RS232C)	Yes (MPI, RS232C)	Yes (MPI, RS232C)
	Simplink (HDMI-CEC) plus CEC-HTNG	Yes (1.4)	Yes (1.4)	Yes (1.4)	Yes (1.4)
	IR Out	Yes (MPI, RS232C)	Yes (MPI, RS232C)	Yes (MPI, RS232C)	Yes (MPI, RS232C)
	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
	V-Lan Tag	Yes	Yes	Yes	Yes
	RJP (Remote Jack Pack) Compatibility	Yes	Yes	Yes	Yes
	Insert Image	Yes	Yes	Yes	Yes
	One Channel Map	Yes (Logical Channel Map)	Yes (Logical Channel Map)	Yes (Logical Channel Map)	Yes (Logical Channel Map)
	Auto Off / Sleep Timer	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
	Motion Eye Care	Yes	Yes / No	No	No
	Beacon	Yes	Yes	Yes	Yes
INTERFACES	HDMI In	2 (2.0)	2 (2.0)	2 (2.0)	2 (1.4)
	USB	2 (2.0)	2 (2.0)	2 (2.0)	2 (2.0)
	RF In	Yes	Yes	Yes	Yes
	Digital Audio Out	1 (Optical)	1 (Optical)	1 (Optical)	1 (Optical)
	RS-232C (Control & Service)	Yes	Yes	Yes	Yes
	LAN (RJ45)	Yes (Ethernet)	Yes (Ethernet)	Yes (Ethernet)	Yes (Ethernet)
	Aux LAN	Yes	Yes	Yes	Yes
	Speaker Out / Line Out	3.5 mm Stereo Jack (GND, L+,R+), 1W with 8Ω	3.5 mm Stereo Jack (GND, L+,R+), 1W with 8Ω	3.5 mm Stereo Jack (GND, L+,R+), 1W with 8Ω	3.5 mm Stereo Jack (GND, L+,R+), 1W with 8Ω
	AV In	3.5 mm Stereo Jack	3.5 mm Stereo Jack	3.5 mm Stereo Jack	3.5 mm Stereo Jack
	Expansion Connector	Yes	No	No	No
	MPI Port (RJ12)	Yes	Yes	Yes	Yes
	Debug	3.5 mm Stereo Jack	3.5 mm Stereo Jack	3.5 mm Stereo Jack	3.5 mm Stereo Jack
MECHANICAL	Front Color	Ceramic Black	Ceramic Black	Ceramic Black	Ceramic Black
	VESA Compatible	200 x 200	200 x 200 (32") / 100 x 100 (28")	75 x 75	75 x 75
	Kensington Lock	Yes	Yes	Yes	Yes
	Stand Type	No Stand	No Stand	Fixed One Pole Stand	Fixed One Pole Stand
	Weight without Stand	24.9 lbs / 11.3 kg	10.7 lbs / 4.85 kg (32") 9.2 lbs / 4.18 kg (28")	7.7 lbs / 3.5 kg	7.1 lbs / 3.2 kg
	Weight with Stand	n/a	n/a	8.2 lbs / 3.7 kg	7.5 lbs / 3.4 kg
	Shipping Weight	30.6 lbs / 13.9 kg	13.3 lbs / 6.05 kg (32") 13.4 lbs / 6.06 kg (28")	10.8 lbs / 4.9 kg	9.9 lbs / 4.5 kg
	Dimensions without Stand (W x H x D)	37.9" x 22.2" x 1.6" / 963 x 565 x 40 mm	29.1" x 17.4" x 3.3" (32") / 739 x 441 x 84 mm (32") 25.6" x 15.4" x 3.1" (28") / 650 x 390 x 78 mm (28")	21.9" x 13.5" x 2.1" / 556 x 343 x 53 mm	20.2" x 14.1" x 2.2" / 513 x 311 x 55 mm
	Dimensions with Stand (W x H x D)	n/a	n/a	21.9" x 15.1" x 5.5" / 556 X 384 X 141 mm	20.2" x 14.1" x 5.5" / 513 x 358 x 141 mm
	Shipping Dimensions (W x H x D)	45.2" x 26" x 7.5" / 1,147 x 660 x 190 mm	32" x 20.1" x 5.6" (32") / 812 x 510 x 142 mm (32") 31.7" x 18.1" x 7.3" (28") / 804 x 461 x 185 mm (28")	27.6" x 15.8" x 5.5" / 700 x 402 x 140 mm	25.8" x 15.2" x 5.8" / 655 x 387 x 148 mm
	Bezel Width (L / R / T / B)	8.4 / 8.4 / 8.4 / 14.4 mm	18.8 / 18.8 / 18.8 / 21.6 mm (32") 20.2 / 20.2 / 20.0 / 22.7 mm (28")	16.3 / 16.3 / 17.8 / 22.8 mm	17.9 / 17.9 / 17.7 / 23.3 mm
ELECTRICAL	Power Supply (Voltage, Hz)	120 Vac ~ 50 / 60 Hz	120 Vac ~ 50 / 60 Hz	120 Vac ~ 50 / 60 Hz	120 Vac ~ 50 / 60 Hz
	Power Consumption (Max)	134 W	60.8 W (32") / 49.4 W (28")	45.1 W	51.3 W
	Power Consumption (Typ)	110 W	47.6 W (32") / 33.7 W (28")	38.3 W	36.1 W
	Power Consumption (Standby)	Less than 0.5 W	Less than 0.5 W	Less than 0.5 W	Less than 0.5 W
WARRANTY & OTHER	Standards	UL	UL	UL	UL
	EMC Certification	FCC	FCC	FCC	FCC
	Conformal Coating	Yes	Yes	Yes	Yes
	Warranty	Two-Year Limited Warranty	Two-Year Limited Warranty	Two-Year Limited Warranty	Two-Year Limited Warranty
	UPC	7 19192 63477 0	7 19192 63106 9 (32") 7 19192 63107 6 (28")	7 19192 63613 2	7 19192 64211 9
	Remote Control	S-con (in-box) Carnival MMR (optional)	S-con (in-box) Carnival MMR (optional)	S-con (in-box) Carnival MMR (optional)	S-con (in-box) Carnival MMR (optional)
	Power Cable	1.8m Angle Type	1.8m Angle Type	1.8m Angle Type	1.8m Angle Type

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