* 55 inch

65"

55"/50"/43"

**Commercial TV**  UM670H Series

| Commercial Lite | Pro:Centric Value | Pro:Centric Direct | **Pro:Centric Smart** |
| --- | --- | --- | --- |

# 4K Ultra HD Smart TV
# with Pro:Centric Direct

 4K UHD

 Pro:Centric Cloud

 Pro:Centric Direct

 Pro:Idiom

## UM670H Series

| Design | Stand Type | 65": 1 pole (Fixed)<br>55" / 50" / 43": 1 pole (Swivel) |
| --- | --- | --- |
| Display | Sizes | 65" / 55" / 50" / 43" |
| | Resolution | 3,840 × 2,160 (4K UHD) |
| Broadcasting System | Digital | ATSC, Clear QAM |
| | Analog | NTSC |
| VESA | | 65" / 55": 300 × 300<br>50" / 43": 200 × 200 |

Content Management System

Partner Center

Data Based Cloud Functions

LG Channels

## Pro:Centric Cloud

Pro:Centric Cloud provides a convenient cloud-based environment for content management systems and other third-party software solutions that can be installed, updated and controlled from a central location. It also offers various design templates that provide eye-catching dashboards for analytics and data collection. In addition, the LG Channels app provides a convenient way to access a wide range of content from over-the-top channels (including broadcast TV) without additional devices or subscriptions. And LG's Mobile Application Creator simplifies the process of setting up concierge services on mobile devices for guests.



Control Room · · · · · · · · · · · Server · · IP or RF · · Hotel Rooms
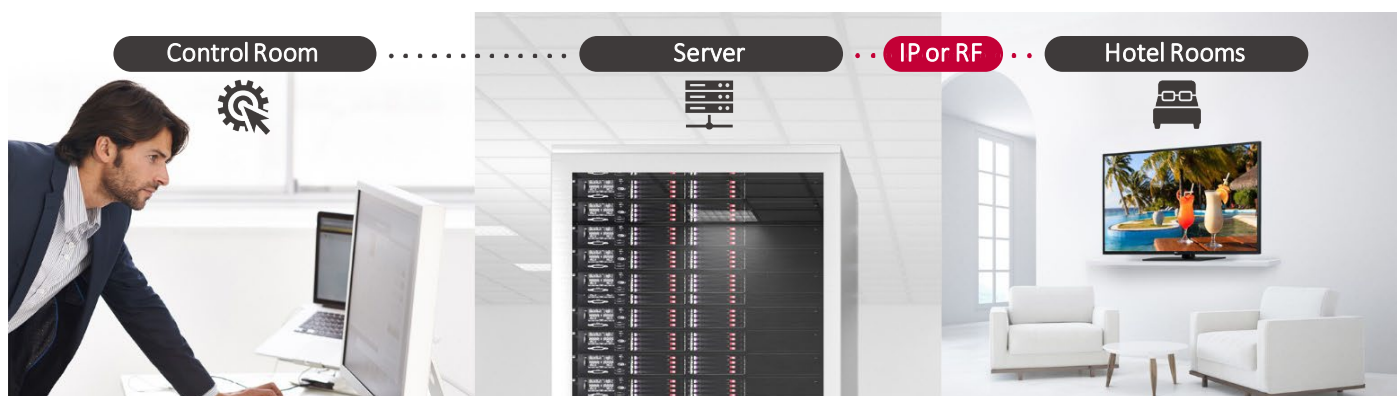
## Pro:Centric Direct

The Pro:Centric Direct hotel content management solution offers simple editing tools, making it easy to perform service and IP network-based remote management with a single click. Pro:Centric Direct enables users to customize their interface easily and efficiently manage all TVs in the facility. The most recent version* provides IoT-based in-room control as well as voice control through LG Natural Language Processing.

* Some features may not be supported based on PCD versions.



Pro:Idiom

Live TV

Decryption

## 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.
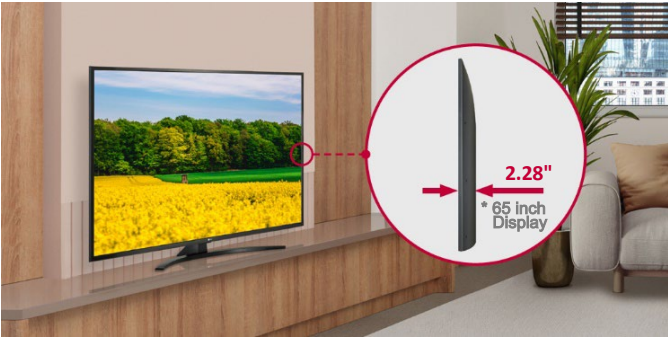
## Slim Depth for a Sleek Look

With a slim design, the UM670H series integrates smoothly with interiors, delivering a modern impression to your guests.

**2.28"**
* 65 inch Display
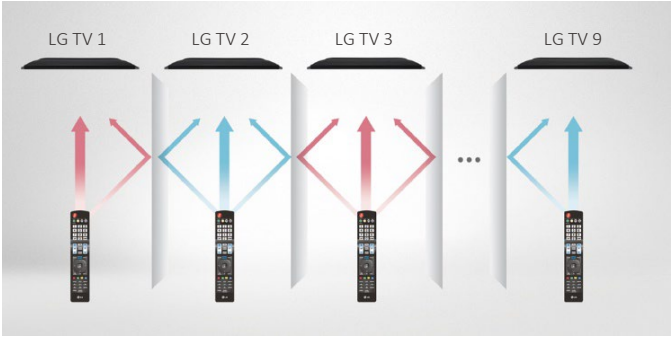
## Multi-code IR

Multi-code IR* function eliminates any remote-control signal interaction between multiple TVs in one place. LG hospital TV supports this when used with the Multi-code IR remote control, so users can freely control their own TVs without disturbing the others.
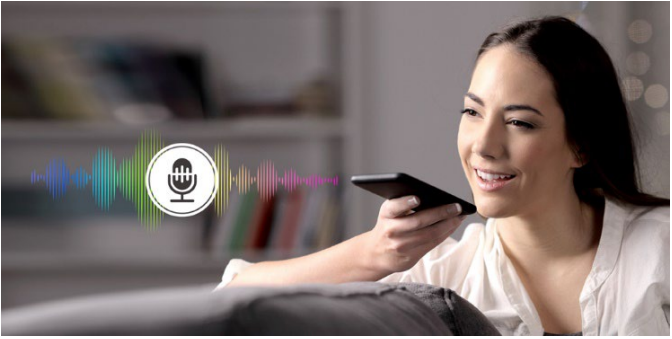
* Multi-code IR remote control is not provided by LG. (sold separately)

LG TV 1    LG TV 2    LG TV 3    LG TV 9

## SoftAP

Software-enabled Access Point* (SoftAP) is a virtual Wi-Fi feature that uses TV as a wireless hotspot, enabling guests to connect their own devices to the SoftAP.

* Screen Share may not be operated at the same time.
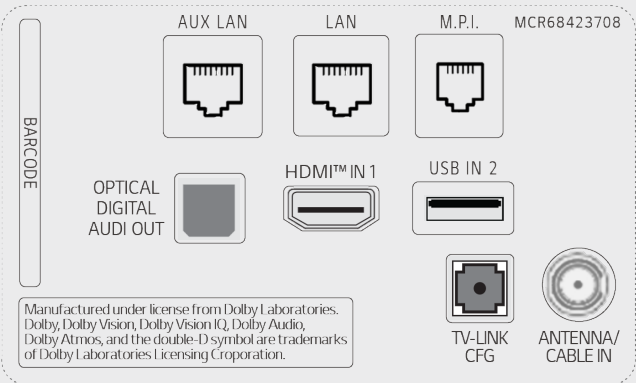
Server (Head-end)

## Voice Recognition

Voice recognition, using the LG Magic Motion Remote* with the UM670H Series makes it easy to control the TV without pressing the button of remote controls.

* Magic Motion Remote is required (sold separately)

## CONNECTIVITY

### 65" / 55" / 50" / 43"

Rear

AUX LAN    LAN    M.P.I.    MCR68423708

BARCODE

OPTICAL DIGITAL AUDI OUT    HDMI™ IN 1    USB IN 2

TV-LINK CFG    ANTENNA/CABLE IN

Manufactured under license from Dolby Laboratories. Dolby, Dolby Vision, Dolby Vision IQ, Dolby Audio, Dolby Atmos, and the double-D symbol are trademarks of Dolby Laboratories Licensing Croporation.

Side

MEZ68755960 (REV00)    HDMI IN    2 (eARC/ARC)    3    SERVICE ONLY    USB IN 1    RS-232C IN (CONTROL & SERVICE)    SPEAKER OUT LINE OUT

# SPECIFICATIONS

| Category | Category | 65UM670H0UG | 55UM670H0UA | 50UM670H0UA | 43UM670H0UA |
|---|---|---|---|---|---|
| Category | Category | Pro:Centric Smart | Pro:Centric Smart | Pro:Centric Smart | Pro:Centric Smart |
| Display | Diagonal | 65" | 55" | 50" | 43" |
| Display | Resolution | 3,840 × 2,160 (UHD) | 3,840 × 2,160 (UHD) | 3,840 × 2,160 (UHD) | 3,840 × 2,160 (UHD) |
| Display | Backlight Cabinet Type | Direct | Direct | Direct | Direct |
| Display | Brightness | 330 nits | 330 nits | 330 nits | 265 nits |
| Display | Dynamic Contrast Ratio | 1,000,000:1 | 1,000,000:1 | 1,000,000:1 | 1,000,000:1 |
| Display | Static (Panel) Contrast Ratio | 1,200:1 | 1,300:1 | 5,000:1 | 1,200:1 |
| Display | Response Time | 8 ms (G to G) | 14 ms (G to G) | 19 ms (G to G) | 8 ms (G to G) |
| Display | Refresh Rate | 60 Hz | 60 Hz | 60 Hz | 60 Hz |
| Display | Life Span | 30,000 Hrs. | 30,000 Hrs. | 30,000 Hrs. | 30,000 Hrs. |
| Video | AI Picture Pro | Yes | Yes | Yes | Yes |
| Video | Dynamic Vivid | Yes | Yes | Yes | Yes |
| Video | HDR 10 Pro / HDR HLG | Yes / Yes | Yes / Yes | Yes / Yes | Yes / Yes |
| Video | Game Optimizer | Yes | Yes | Yes | Yes |
| Audio | Speaker (Sound Output) | 10 W + 10 W | 10 W + 10 W | 10 W + 10 W | 10 W + 10 W |
| Audio | Speaker System | 2.0 ch | 2.0 ch | 2.0 ch | 2.0 ch |
| Audio | AI Sound Pro / AI Sound | Yes | Yes | Yes | Yes |
| Audio | AI Acoustic Tuning | Yes (Ready) | Yes (Ready) | Yes (Ready) | Yes (Ready) |
| Audio | LG Sound Sync | Optical/Bluetooth wireless | Optical/Bluetooth wireless | Optical/Bluetooth wireless | Optical/Bluetooth wireless |
| Broadcasting System | Digital (Terrestrial / Cable / Satellite) | ATSC, Clear QAM | ATSC, Clear QAM | ATSC, Clear QAM | ATSC, Clear QAM |
| Broadcasting System | Analog (NTSC / SECAM / PAL) | NTSC | NTSC | NTSC | NTSC |
| Broadcasting System | Global IPTV Support | Yes | Yes | Yes | Yes |
| Hospitality Solution | Solution Type | Pro:Centric (Smart, Cloud, Direct, V) | Pro:Centric (Smart, Cloud, Direct, V) | Pro:Centric (Smart, Cloud, Direct, V) | Pro:Centric (Smart, Cloud, Direct, V) |
| Hospitality Solution | Pro:Idiom (S/W Type), (Mobile, Lite) | Yes | Yes | Yes | Yes |
| Smart Features | | webOS23 User Interface, Smart Home (Launcher Bar), Gallery Mode, Quick Access, Web Browser, SDP Server Compatibility, Magic Remote Compatibility (MR18HA), SW Clock (World Clock / Alarm), SoftAP, Wi-Fi, Screen Share (Miracast), Smart Share, DIAL, Bluetooth Audio Playback, Mobile Connection Overlay, HDMI-ARC (HDMI 2), Voice Recognition (Standalone/Solution), IoT, EZ-Manager, USB Cloning, Wake on RF, WOL, Diagnostics (IP Remote), SI Compatible Protocol (MPI, RS-232C), HTNG-CEC (1.4), Simplink (HDMI-CEC) (1.4), IR Out (MPI, RS-232C), Multi-code IR | | | |
| Hospitality Features | | Installer Menu, Lock Mode (Limited), Port Block, Welcome Screen (Splash Image), Insert Image, One Channel Map (LCM) External Speaker Out (R: 1.0 W, L: 1.0 W, 8 Ω), Instant On, VLAN ID, RJP (Remote Jack Pack) Compatibility (Teleadapt/Guestlink (HDMI-CEC), Mobile Remote, Moving Picture Playback (SD/HD/Plus HD), Auto Off / Sleep Timer, Energy Saving Mode, Motion Eye Care, *b*-LAN embedded Anti-theft System (Kensington Lock, Credenza/Security Aperture (Except 65"), Lock Down Plate (Except 65") | | | |
| Jack Interface | Set Side | HDMI In x2 (2.0), USB In (2.0), RS-232C In (3.5 mm TRRS), Speaker Out/Line Out (3.5 mm Stereo), Service Only (3.5 mm TRS) | | | |
| Jack Interface | Set Rear | HDMI In (2.0), USB In (2.0), Antenna/Cable In (Dual b-LAN), Optical Digital Audio Out, TV-Link CFG (3.5 mm TRS) (*b*-LAN Service), LAN (RJ45), Aux LAN (RJ45), MPI Port (RJ12) | | | |
| Mechanical | VESA Compatible | 300 × 300 mm | 300 × 300 mm | 200 × 200 mm | 200 × 200 mm |
| Mechanical | Stand Type | 1 pole (Fixed) | 1 pole (Swivel) | 1 pole (Swivel) | 1 pole (Swivel) |
| Mechanical | Front Color | Dark Charcoal Gray | Dark Charcoal Gray | Dark Charcoal Gray | Dark Charcoal Gray |
| Mechanical | Dimensions without Stand (W x H x D) | 57.2 x 33 x 2.3 in. 1,454 × 838 × 57.7 mm | 48.6 x 28.1 x 2.3 in. 1,235 × 715 × 57.5 mm | 44.1 x 25.6 x 2.2 in. 1,121 × 651 × 57.1 mm | 38.1 x 22.2 x 2.2 in. 967 × 564 × 57.1 mm |
| Mechanical | Dimensions with Stand (W x H x D) | 57.2 x 35.8 x 13.4 in. 1,454 × 909 × 340 mm | 48.6 x 30.6 x 11.9 in. 1,235 × 777 × 303 mm | 44.1 x 28.1 x 11.9 in. 1,121 × 713 × 303 mm | 38.1 x 24.5 x 11.9 in. 967 x 623 x 303 mm |
| Mechanical | Shipping Dimensions (W x H x D) | 63 x 38.2 x 9 in. 1,600 × 970 × 228 mm | 53.5 x 33.9 x 8.1 in. 1,360 × 860 × 207 mm | 51.9 x 31.9 x 7.4 in. 1,317 × 810 × 188 mm | 42.3 x 26 x 8.0 in. 1,075 × 660 × 203 mm |
| Mechanical | Weight without Stand | 47.4 lbs. / 21.5 kg | 30.9 lbs. / 14.0 kg | 26.7 lbs. / 12.1 kg | 19.4 lbs. / 8.8 kg |
| Mechanical | Weight with Stand | 50.5 lbs. / 22.9 kg | 37.9 lbs. / 17.2 kg | 33.7 lbs. / 15.3 kg | 26.5 lbs. / 12.0 kg |
| Mechanical | Shipping Weight | 63.7 lbs. / 28.9 kg | 49.2 lbs. / 22.3 kg | 41.0 lbs. / 18.6 kg | 34.0 lbs. / 15.4 kg |
| Mechanical | On Bezel Width (L/R/U/B) | 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 |
| Mechanical | Off Bezel Width (L/R/U/B) | 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 |
| Electrical | Power Supply (Voltage, Hz) | 100-240 Vac, 50/60 Hz | 100-240 Vac, 50/60 Hz | 100-240 Vac, 50/60 Hz | 100-240 Vac, 50/60 Hz |
| Electrical | Power Consumption (Typ. / Max.) | 144 W / 180 W | 135 W / 163 W | 112 W / 135 W | 82 W / 119 W |
| Electrical | Standby Power Consumption | Under 0.5 W | Under 0.5 W | Under 0.5 W | Under 0.5 W |
| Warranty & Other | Warranty | 2 Year Limited | 2 Year Limited | 2 Year Limited | 2 Year Limited |
| Warranty & Other | Certifications | FCC / UL | FCC / UL | FCC / UL | FCC / UL |
| Warranty & Other | UPC | 1 95174 06331 6 | 1 95174 06342 2 | 1 95174 06336 1 | 1 95174 06340 8 |
| Warranty & Other | Accessories | In-box Remote (S-Con), Chromecast Anti-theft Cover (Optional), Power Cable (1.8 m, 2-Prong Straight Connector) | | | |

\* Specifications are subject to change without notice. Please make sure to check the product manual for details about product usage.

LG | Business Solutions