

# Samsung Hospitality Displays

## HJ690U Series (EU\_CIS)

### Highlights

- Elevate featured content to UHD resolution through dedicated upscaling technology
- Improve picture clarity and detail with HDR10+ refinement
- Quickly create and share personalized and promotional messaging
- Allow guests to manage in-room settings within an intuitive home menu
- Gauge and address maintenance needs in anticipation of guest requests
- Build and launch compatible web applications within the powerful TIZEN operating system



### UHD-Quality Content Delivery



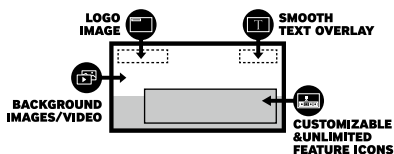
Samsung's hospitality displays offer hotel guests the vivid picture quality of home entertainment systems on their in-room screens. Through UHD upscaling technology, these refined displays showcase all content at UHD resolution (3,840 x 2,160), and with four times the pixels of the FHD standard.

### Powerful Performance, Enhanced Security



Backed by the powerful TIZEN operating system, Samsung hospitality displays reinforce secure content delivery across the application, platform and system layers. This rigid security also enables TIZEN's H.Browser technology to render 2D and 3D content and achieve faster upload and response times.

### A Tailored Home Menu



Each Samsung hospitality display includes an intuitive, customizable home menu that streamlines content exchange between hotels and guests. Content managers can easily incorporate images, logos and feature icons specific to guest needs, and which reinforce special offers and hotel branding

### End-To-End Personalized Service



Hotels additionally can use LYNK REACH 4.0 to deliver customized guest messaging. Upon arrival, guests can receive a personalized greeting along with information about promotions or on-site amenities relevant to their stay. LYNK REACH 4.0 also provides express check-out for added convenience.

### Refined Picture Quality



Beyond consistent UHD quality, Samsung's displays bring the power of High Dynamic Range (HDR10+) picture refinement to any hotel room. Using dynamic metadata that fine-tunes each frame within a given program, HDR10+ technology delivers an optimal, detail-rich and memorable viewing experience.

### Simple, Compatible Web App Development



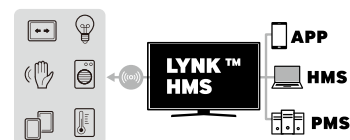
Beyond its advanced graphics capabilities, Samsung's H.Browser empowers smooth application development. All apps can be stored within the TIZEN OS, and are supported by Web Simulator and Remote Web Inspector tools that further refine app performance and security.

### Centralized, Real-Time Management



Compatible with existing LAN, Wi-Fi and coaxial infrastructures, Samsung's LYNK REACH 4.0 content platform centralizes and streamlines overall hotel maintenance. Hotel managers now can remedy issues across single displays or display groups before they escalate.

### Convenient and Thorough Room Management



LYNK HMS delivers pleasant and memorable guest experience in a more cost-efficient manner. Hotel operators can streamline content delivery property-wide while also managing heat and air activity based on room occupancy.

### Additional Features

- Plug and Play
- LYNK DRM
- Bluetooth Music Player
- Contents Sharing

- Sound Bar Compatibility
- SI Compatibility
- Soft AP
- Variable Speaker

- Security Mode
- Swivel Stand
- ISTA

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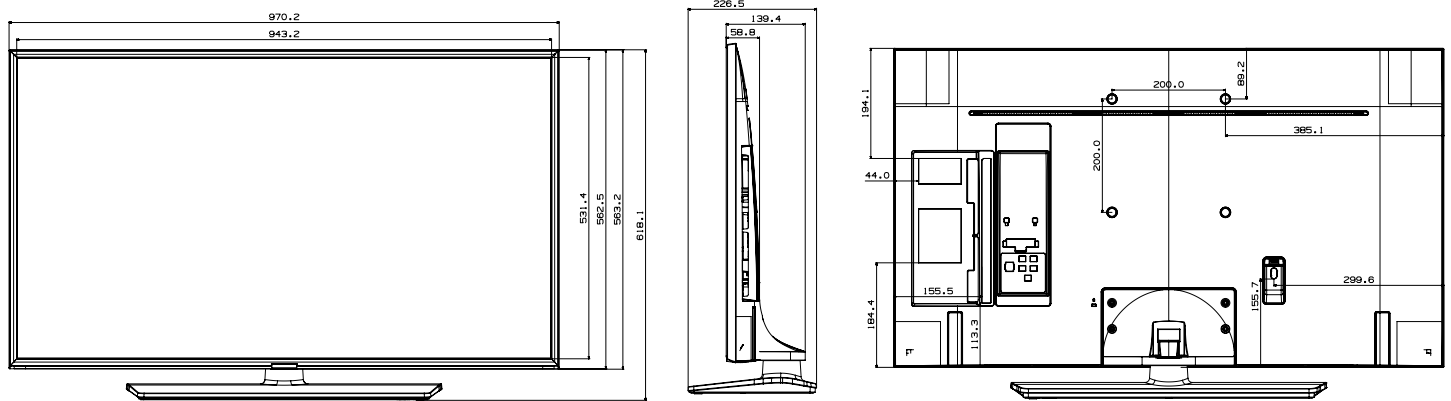
Model		43EJ69U HG43EJ690UB	49EJ69U HG49EJ690UB	55EJ69U HG55EJ690UB	65EJ69U HG65EJ690UB	75EJ69U HG75EJ690UB
Display	Backlight	LED	LED	LED	LED	LED
	Screen Size	43	49	55	65	75
	Resolution	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160
Video	Picture Engine	UHD Mastering Engine	UHD Mastering Engine	UHD Mastering Engine	UHD Mastering Engine	UHD Mastering Engine
	Micro Dimming	N/A	N/A	N/A	N/A	N/A
	Auto Motion Plus	Yes	Yes	Yes	Yes	Yes
	Film Mode	Yes	Yes	Yes	Yes	Yes
Audio	Dolby Digital Plus	Yes	Yes	Yes	Yes	Yes
	DTS Codec	N/A	N/A	N/A	N/A	N/A
	Sound Output (RMS)	20W	20W	20W	20W	20W
	Speaker Type	2CH	2CH	2CH	2CH	2CH
	Woofer	N/A	N/A	N/A	N/A	N/A
Smart TV	Samsung SMART TV	Smart	Smart	Smart	Smart	Smart
Convergence	TV to Mobile - Mirroring	N/A	N/A	N/A	N/A	N/A
	Mobile to TV - Mirroring, DLNA	Yes	Yes	Yes	Yes	Yes
General Feature	Processor	Quad-Core	Quad-Core	Quad-Core	Quad-Core	Quad-Core
	Accessibility	Voice guide&Learn menu screen(UK English, German, French, Spanish, Italian, Dutch, Polish, Danish, Swedish, Finnish, Norwegian, Portuguese, Russian(only when connecting to Network in EE,LV,LT))/ Enlarge/ High contrast/ Learn TV Remote(UK English, German, French, Spanish, Italian, Dutch, Polish, Danish, Swedish, Finnish, Norwegian, Portuguese, Russian(only when connecting to Network in EE,LV,LT))/ Multi-output Audio/Negative colors/Grayscale/ SeeColors	Voice guide&Learn menu screen(UK English, German, French, Spanish, Italian, Dutch, Polish, Danish, Swedish, Finnish, Norwegian, Portuguese, Russian(only when connecting to Network in EE,LV,LT))/ Enlarge/ High contrast/ Learn TV Remote(UK English, German, French, Spanish, Italian, Dutch, Polish, Danish, Swedish, Finnish, Norwegian, Portuguese, Russian(only when connecting to Network in EE,LV,LT))/ Multi-output Audio/Negative colors/Grayscale/ SeeColors	Voice guide&Learn menu screen(UK English, German, French, Spanish, Italian, Dutch, Polish, Danish, Swedish, Finnish, Norwegian, Portuguese, Russian(only when connecting to Network in EE,LV,LT))/ Enlarge/ High contrast/ Learn TV Remote(UK English, German, French, Spanish, Italian, Dutch, Polish, Danish, Swedish, Finnish, Norwegian, Portuguese, Russian(only when connecting to Network in EE,LV,LT))/ Multi-output Audio/Negative colors/Grayscale/ SeeColors	Voice guide&Learn menu screen(UK English, German, French, Spanish, Italian, Dutch, Polish, Danish, Swedish, Finnish, Norwegian, Portuguese, Russian(only when connecting to Network in EE,LV,LT))/ Enlarge/ High contrast/ Learn TV Remote(UK English, German, French, Spanish, Italian, Dutch, Polish, Danish, Swedish, Finnish, Norwegian, Portuguese, Russian(only when connecting to Network in EE,LV,LT))/ Multi-output Audio/Negative colors/Grayscale/ SeeColors	Voice guide&Learn menu screen(UK English, German, French, Spanish, Italian, Dutch, Polish, Danish, Swedish, Finnish, Norwegian, Portuguese, Russian(only when connecting to Network in EE,LV,LT))/ Enlarge/ High contrast/ Learn TV Remote(UK English, German, French, Spanish, Italian, Dutch, Polish, Danish, Swedish, Finnish, Norwegian, Portuguese, Russian(only when connecting to Network in EE,LV,LT))/ Multi-output Audio/Negative colors/Grayscale/ SeeColors
	Digital Clean View	Yes	Yes	Yes	Yes	Yes
	Auto Channel Search	Yes	Yes	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes	Yes	Yes
	Caption (Subtitle)	Yes	Yes	Yes	Yes	Yes
	Connect Share™ (HDD)	Yes	Yes	Yes	Yes	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes	Yes	Yes
	EPG	Yes	Yes	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes	Yes	Yes
	OSD Language	27 European Languages + Russian(only when connecting to Network in EE,LV,LT)	27 European Languages + Russian(only when connecting to Network in EE,LV,LT)	27 European Languages + Russian(only when connecting to Network in EE,LV,LT)	27 European Languages + Russian(only when connecting to Network in EE,LV,LT)	27 European Languages + Russian(only when connecting to Network in EE,LV,LT)
	Picture-In-Picture	N/A	N/A	N/A	N/A	N/A
	BT HID Built-in	Yes	Yes	Yes	Yes	Yes
	USB HID Support	Yes	Yes	Yes	Yes	Yes
	Teletext (TTX)	Yes	Yes	Yes	Yes	Yes

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System	Digital Broadcasting	DVB-T2CS2	DVB-T2CS2	DVB-T2CS2	DVB-T2CS2	DVB-T2CS2
	Analog Tuner	Yes	Yes	Yes	Yes	Yes
	CI (Common Interface)	CI+(1.4)	CI+(1.4)	CI+(1.4)	CI+(1.4)	CI+(1.4)
	Data Broadcasting	HbbTV 2.0.1(IT)/ HbbTV 1.5(CZ,SK,DE ,AT,FR,ES,FI,EE,GR)/ HbbTV1.0(PL,HU,C H,BE,NL,LU,PT,DK)/ MHEG 5(GB,IE)	HbbTV 2.0.1(IT)/ HbbTV 1.5(CZ,SK,DE ,AT,FR,ES,FI,EE,GR)/ HbbTV1.0(PL,HU,C H,BE,NL,LU,PT,DK)/ MHEG 5(GB,IE)	HbbTV 2.0.1(IT)/ HbbTV 1.5(CZ,SK,DE ,AT,FR,ES,FI,EE,GR)/ HbbTV1.0(PL,HU,C H,BE,NL,LU,PT,DK)/ MHEG 5(GB,IE)	HbbTV 2.0.1(IT)/ HbbTV 1.5(CZ,SK,DE ,AT,FR,ES,FI,EE,GR)/ HbbTV1.0(PL,HU,C H,BE,NL,LU,PT,DK)/ MHEG 5(GB,IE)	HbbTV 2.0.1(IT)/ Hb bTV5(CZ,SK,DE,AT, FR,ES,FI,EE,GR)/ Hb bTV1.0(PL,HU,CH, BE,NL,LU,PT,DK)/ MHEG 5(GB,IE)
Hospitality Feature	Samsung LYNK™ HMS Compatibili- ty	Yes	Yes	Yes	Yes	Yes
	H.Browser Compatibility	Yes	Yes	Yes	Yes	Yes
	Samsung LYNK™ REACH (IP)	REACH 4.0	REACH 4.0	REACH 4.0	REACH 4.0	REACH 4.0
	Samsung LYNK™ REACH (RF)	REACH 4.0	REACH 4.0	REACH 4.0	REACH 4.0	REACH 4.0
	Hospitality Home Menu	Home Menu 2017	Home Menu 2017	Home Menu 2017	Home Menu 2017	Home Menu 2017
	Bluetooth Music Player (Mobile → TV)	Yes	Yes	Yes	Yes	Yes
	Hospitality Plug&Play (Easy Set-up)	Yes	Yes	Yes	Yes	Yes
	Auto Source Mode	Yes	Yes	Yes	Yes	Yes
	Power On Mode	Yes	Yes	Yes	Yes	Yes
	Hotel Channel List	Yes	Yes	Yes	Yes	Yes
	Channel Menu Display	Yes	Yes	Yes	Yes	Yes
	Mixed Channel List (ATSC, DVB-T/ T2/C/S2, Analog)	Yes	Yes	Yes	Yes	Yes
	My Channel	Yes	Yes	Yes	Yes	Yes
	Energy Saving Mode (BLU Control)	Yes	Yes	Yes	Yes	Yes
	Logo Display with Time Out Setting (BMP/Movie)	Yes	Yes	Yes	Yes	Yes
	Welcome Message	Yes	Yes	Yes	Yes	Yes
	RJ12/IR Pass Through	Yes	Yes	Yes	Yes	Yes
	External Clock Compatibility	No	No	No	No	No
	Clock Back Up Supply	Yes	Yes	Yes	Yes	Yes
	External Clock Dimming Control	No	No	No	No	No
	Software Clock	N/A	N/A	N/A	N/A	N/A
	Multi Code Remote Control	Yes	Yes	Yes	Yes	Yes
	Screwed Remote Battery Cover	Yes	Yes	Yes	Yes	Yes
	Soundbar Compatibility	Yes	Yes	Yes	Yes	Yes
	Music Mode (Input: PC/AV/Compo- nent/HDMI)	Yes	Yes	Yes	Yes	Yes
	Music Mode Backlight on/off	Yes	Yes	Yes	Yes	Yes
	TTX Clock Update (Analogue)	Yes	Yes	Yes	Yes	Yes
	USB Cloning	Yes	Yes	Yes	Yes	Yes
	Smooovie Compatibility	Yes	Yes	Yes	Yes	Yes
	Soft AP	Yes	Yes	Yes	Yes	Yes
	On/Off Timer (Schedule)	Yes	Yes	Yes	Yes	Yes
	Wake-up Timer (Alarm)	Yes	Yes	Yes	Yes	Yes
	Samsung LYNK™ DRM	Yes	Yes	Yes	Yes	Yes
Pro:Idiom	No	No	No	No	No	
bLAN	No	No	No	No	No	
Security Mode	Yes	Yes	Yes	Yes	Yes	
S/W EPG (Solution EPG)	Yes	Yes	Yes	Yes	Yes	
IP Over Coax	No	No	No	No	No	
Input & Output	USB (Side/Rear)	2	2	2	2	2
	Composite In (AV) (Side/Rear)	1 (Common Use for Component Y)	1 (Common Use for Component Y)	1 (Common Use for Component Y)	1 (Common Use for Component Y)	1 (Common Use for Component Y)
	RF In (Terrestrial / Cable input) (Side/Rear)	1/1(Common Use for Terrestrial)/0	1/1(Common Use for Terrestrial)/0	1/1(Common Use for Terrestrial)/0	1/1(Common Use for Terrestrial)/0	1/1(Common Use for Terrestrial)/0
	Ex-Link ( RS-232C )	N/A	N/A	N/A	N/A	N/A
	CI Slot (Side/Rear)	1	1	1	1	1
	HDMI A / Return Ch. Support	Yes	Yes	Yes	Yes	Yes
	Wireless LAN Built-in	Yes	Yes	Yes	Yes	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes	Yes	Yes

Model		43EJ69U HG43EJ690UB	49EJ69U HG49EJ690UB	55EJ69U HG55EJ690UB	65EJ69U HG65EJ690UB	75EJ69U HG75EJ690UB
Input & Output	Pillow Speaker Jack (Side/Rear)	No	No	No	No	No
	Variable Audio Out (Side/Rear)	0/1	0/1	0/1	0/1	0/1
	Variable Audio Out Volume Control (Side/Rear)	0/1	0/1	0/1	0/1	0/1
	Video Out (Side/Rear)	N/A	N/A	N/A	N/A	N/A
	RJ12 (Side/Rear)	0/1	0/1	0/1	0/1	0/1
	RJP (Remote Jackpack) (Side/Rear)	0/1	0/1	0/1	0/1	0/1
	Headphone ID (Side/Rear)	N/A	N/A	N/A	N/A	N/A
	Door-Eye Control (Side/Rear)	No	No	No	No	No
	Door-Eye Video In (Side/Rear)	No	No	No	No	No
	PC In (D-sub) (Side./Rear)	No	No	No	No	No
	PC/DVI Audio In (Mini Jack) (Side./Rear)	No	No	No	No	No
	Ethernet Bridge (LAN-Out)	N/A	N/A	N/A	N/A	N/A
Design	Front Color	Charcoal Black	Charcoal Black	Charcoal Black	Charcoal Black	Charcoal Black
	Stand Type	Square	Square	Square	Square	Simple Luminus
	Swivel (Left/Right)	90/90	90/90	90/90	90/90	N/A
Eco	Energy Efficiency Class	A	A	A	A+	A+
	Eco Sensor	Yes	Yes	Yes	Yes	Yes
Power	Power Supply (V)	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
	Power Consumption (Max)	115 W	140 W	150 W	190 W	215 W
	Power Consumption (Energy Saving Mode)	23.8	24	25.1	31.3	39
	Power Consumption (Stand-by)	0.50 W	0.50 W	0.50 W	0.50 W	0.50 W
	Power Consumption (Typical)	70.0 W	90.0 W	105 W	118 W	150 W
Dimension	Set Dimension without Stand (WxHxD)	970.2 x 563.2 x 58.8 mm	1102.8 x 637.8 x 59.7 mm	1238.6 x 714.2 x 59.2 mm	1457.5 x 837.3 x 59.7 mm	1684.6 x 966.4 x 60.6 mm
	Set Dimension with Stand (WxHxD)	970.2 x 618.1 x 226.5 mm	1102.8 x 691.8 x 226.5 mm	1238.6 x 768.4 x 226.5 mm	1457.5 x 908.7 x 355.1 mm	1684.6 x 1056.5 x 356.1 mm
	Package Dimension (WxHxD)	1185 x 670 x 157 mm	1332 x 778 x 157 mm	1466 x 852 x 170 mm	1760 x 970 x 196 mm	1871 x 1131 x 234 mm
Weight	Set Weight without Stand	9.6 kg	13.2 kg	17.3 kg	25.0 kg	37.0 kg
	Set Weight with Stand	12.7 kg	16.4 kg	20.5 kg	30.2 kg	37.5 kg
	Package Weight	17.0 kg	21.5 kg	26.5 kg	39.5 kg	49.3 kg
Accessory	Remote Controller Model	TM1240A	TM1240A	TM1240A	TM1240A	TM1240A
	Batteries (for Remote Control)	Yes	Yes	Yes	Yes	Yes
	Samsung Smart Control (Included)	N/A	N/A	N/A	N/A	N/A
	Mini Wall Mount Supported	Yes	Yes	Yes	N/A	N/A
	Vesa Wall Mount Supported	Yes	Yes	Yes	Yes	Yes
	User Manual	N/A	N/A	N/A	N/A	N/A
	E-Manual	N/A	N/A	N/A	N/A	N/A
	ANT-Cable	N/A	N/A	N/A	N/A	N/A
	Power Cable	N/A	N/A	N/A	N/A	Yes
	Quick Install Guide	Yes	Yes	Yes	Yes	Yes
	Data Cable	Yes	Yes	Yes	Yes	Yes
	Stand Mount Kit	Yes	Yes	Yes	Yes	Yes
	Security Screws (Stand Base)	No	No	No	No	No
PureCare Remote(Seamless White Remote)	No	No	No	No	No	
Angle Adaptor (for Side RF tuner)	No	No	No	No	No	

# Specifications

## HG43EJ690UB



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**HOSPITALITY TV**

DATA

11

RJP

12

VOL-CTRL

14

VARIABLE AUDIO OUT

13

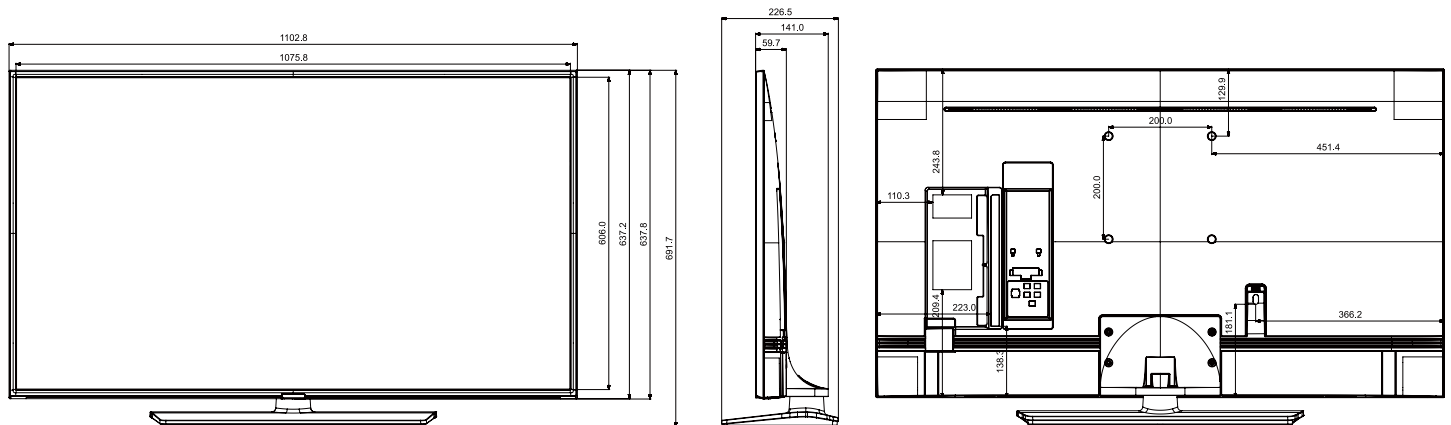
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PS BN64-04083B-00

### Connectors

1. USB(5V 0.5A)
2. USB (HDD 5V 1A)
3. DIGITAL AUDIO OUT(OPTICAL)
4. HDMI IN 3(ARC)
5. HDMI IN2
6. HDMI IN1
7. LAN
8. AV IN
9. COMPONENT IN
10. ANT IN
11. DATA
12. RJP
13. VARIABLE AUDIO OUT
14. VOL-CTRL

## HG49EJ690UB



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**HOSPITALITY TV**

DATA

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RJP

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VOL-CTRL

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VARIABLE AUDIO OUT

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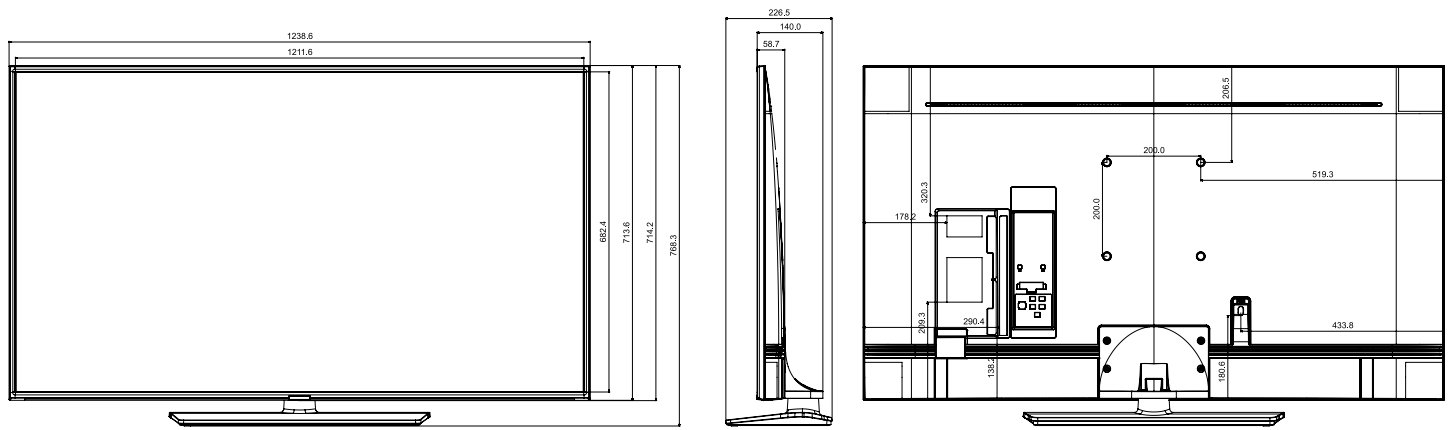
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7. LAN
8. AV IN
9. COMPONENT IN
10. ANT IN
11. DATA
12. RJP
13. VARIABLE AUDIO OUT
14. VOL-CTRL

# Specifications

## HG55EJ690UB



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**HOSPITALITY TV**

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RJP

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VOL-CTRL

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VARIABLE AUDIO OUT

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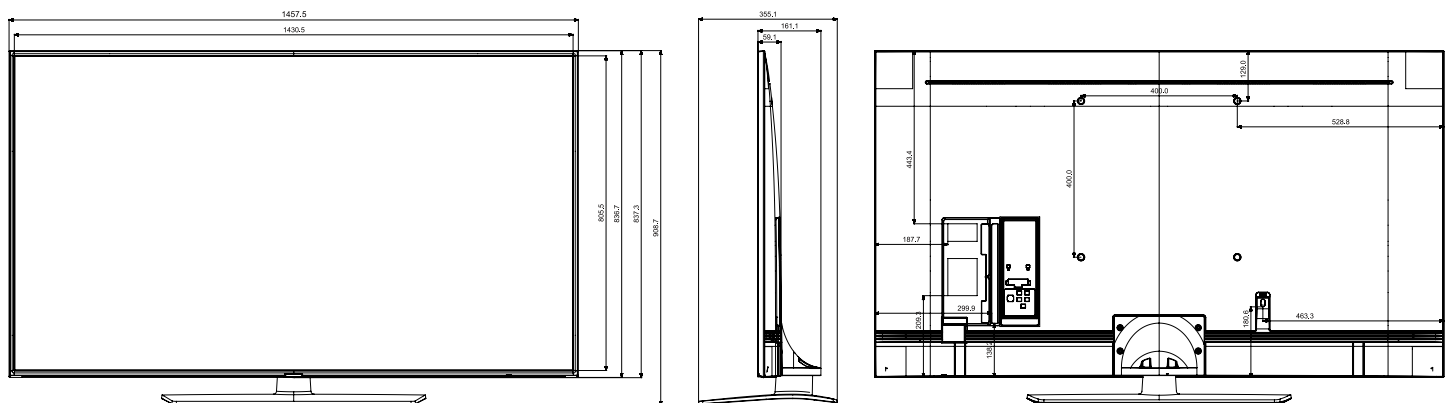
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7. LAN	
8. AV IN	
9. COMPONENT IN	
10. ANT IN	
11. DATA	

## HG65EJ690UB



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**HOSPITALITY TV**

DATA

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RJP

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VOL-CTRL

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VARIABLE AUDIO OUT

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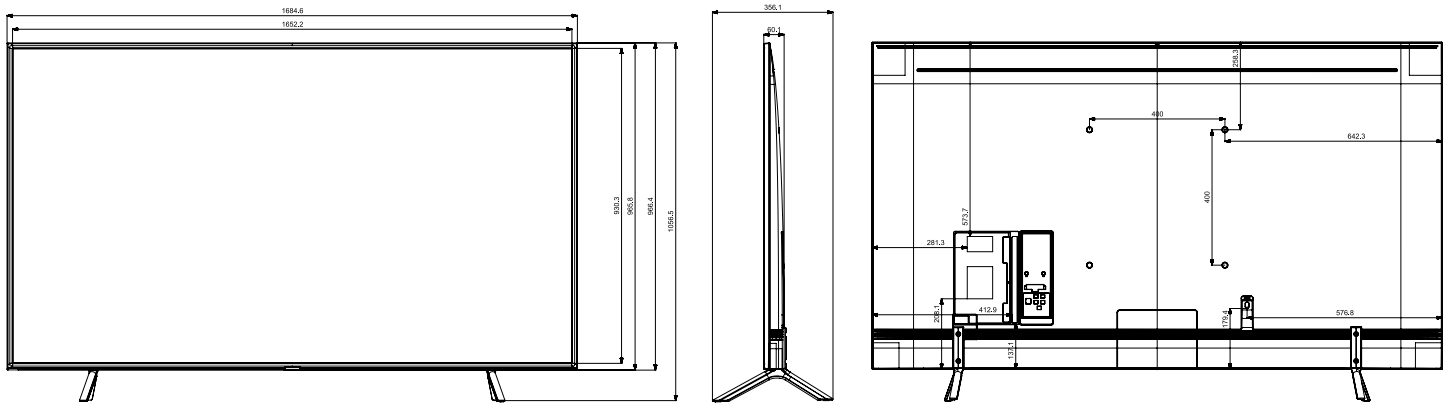
PS BN64-04083B-00

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3. DIGITAL AUDIO OUT(OPTICAL)	14. VOL-CTRL
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5. HDMI IN 2	
6. HDMI IN1	
7. LAN	
8. AV IN	
9. COMPONENT IN	
10. ANT IN	
11. DATA	

# Specifications

## HG75EJ690UB



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**HOSPITALITY TV**

DATA

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RJP

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VOL-CTRL

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VARIABLE AUDIO OUT

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### Connectors

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2. USB (HDD 5V 1A)
3. DIGITAL AUDIO OUT(OPTICAL)
4. HDMI IN 3(ARC)
5. HDMI IN 2
6. HDMI IN1
7. LAN
8. AV IN
9. COMPONENT IN
10. ANT IN
11. DATA
12. RJP
13. VARIABLE AUDIO OUT
14. VOL-CTRL

## About Samsung Electronics Co., Ltd.

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## Hospitality Display

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2018-06



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