

Samsung Hospitality Displays

HT690U Series (EU)

Highlights

- Elevate content to UHD resolution through 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 compatible web applications within the powerful TIZEN OS



Crisp and vivid color expression



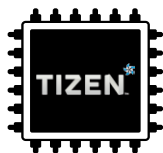
Crystal Display ensures optimized color expression so guests can experience every subtle detail, immersing themselves in any content with a wider range of colors.

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.

Powerful performance, enhanced security



Backed by the powerful TIZEN operating system, Samsung hospitality displays ensure secure content delivery across the application, platform and system layers.

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.

Additional features

- ▶ Plug and Play
- 🔒 LYNK DRM
- 🔊 Bluetooth Music Player
- 📱 Mobile Mirroring

- 🔊 Sound Bar Compatibility
- 🏠 SI Compatibility
- 🔌 Lan Out
- 🔊 Variable Speaker

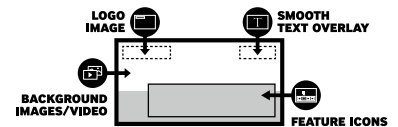
- 🛡️ Security Mode
- 🔄 Swivel Stand
- 📄 ISTA

UHD-quality content delivery



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

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 while reinforcing special offers and hotel branding.

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.

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.

Specifications

Model Code		43"	50"	55"	65"	75"
Display	Backlight	LED	LED	LED	LED	LED
	Screen Size	43	50	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
	Auto Motion Plus	Yes	Yes	Yes	Yes	Yes
	Film Mode	Yes	Yes	Yes	Yes	Yes
	Natural Motion Support	Yes	Yes	Yes	Yes	Yes
	Motion Rate	120	120	120	120	120
	PQI (Picture Quality Index)	1300	1300	1300	1300	1300
	HDR(High Dynamic Range)	HDR	HDR	HDR	HDR	HDR
	HDR10+	Yes	Yes	Yes	Yes	Yes
	HLG (Hybrid Log Gamma)	Yes	Yes	Yes	Yes	Yes
	Contrast	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast
	Color	PurColor	PurColor	PurColor	PurColor	PurColor
	Viewing Angle (H/V)	178/178	178/178	178/178	178/178	178/178
	Contrast Enhancer	Yes	Yes	Yes	Yes	Yes
Audio	Dolby Digital Plus	Yes	Yes	Yes	Yes	Yes
	Sound Output (RMS)	20W	20W	20W	20W	20W
	Speaker Type	2CH	2CH	2CH	2CH	2CH
Smart TV	Samsung SMART TV	Smart	Smart	Smart	Smart	Smart
	Web Browser	Yes	Yes	Yes	Yes	Yes
VESA	VESA Mount	200 x 200 mm	200 x 200 mm	200 x 200 mm	400 x 300 mm	400 x 400 mm
	VESA Screw Size	M8	M8	M8	M8	M8
	VESA Screw Depth	20-22	20-22	20-22	20-22	20-22
Convergence	Mobile to TV - Mirroring, DLNA	Yes	Yes	Yes	Yes	Yes
	360 Video Player	Yes	Yes	Yes	Yes	Yes
	360 Camera Support	Yes	Yes	Yes	Yes	Yes
General Feature	Accessibility	UK English, German, French, Spanish, Italian, Dutch, Polish, Danish, Swedish, Finnish, Norwegian, Portuguese, Russian(only when connecting to Network in EE,LV,LT)				
	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)				
	BT HID Built-in	Yes	Yes	Yes	Yes	Yes
	USB HID Support	Yes	Yes	Yes	Yes	Yes
	Teletext (TTX)	Yes	Yes	Yes	Yes	Yes
	Ultra Clean View	Yes	Yes	Yes	Yes	Yes
	V-Chip	N/A	Yes	Yes	Yes	Yes
IPv6 Support	Yes	Yes	Yes	Yes	Yes	
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)/ HbbTV 1.0(PL,HU,CH,BE,NL,LU,PT,DK)/ MHEG 5(GB,IE)				
Hospitality Feature	Samsung LYNK™ HMS Compatibility	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	Yes	Yes	Yes	Yes	Yes
	(ATSC, DVB-T/2/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
	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/Component/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
	Smovie 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
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	

Specifications

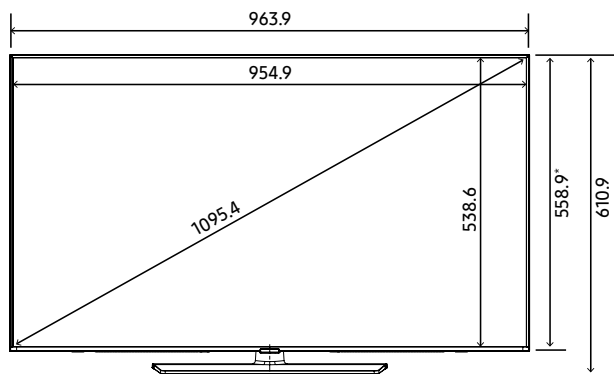
Model Code		43"	50"	55"	65"	75"
Input & Output	HDMI (Side/Rear)	3/0	3/0	3/0	3/0	3/0
	USB (Side/Rear)	2	2	2	2	2
	Composite In (AV) (Side/Rear)	1 (Common Use for Component Y)	1 (Common Use for Component Y)	1 (Common Use for Component Y)	1 (Common Use for Component Y)	1 (Common Use for Component Y)
	RF 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
	CI Slot (Side/Rear)	1	1	1	1	1
	HDMI A / Return Ch. Support	Yes	Yes	Yes	Yes	Yes
	WiFi	Yes	Yes	Yes	Yes	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes	Yes	Yes
	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
	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
	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)	0/1	0/1	0/1	0/1	0/1	
Design	Front Color	BLACK	BLACK	BLACK	BLACK	BLACK
	Stand Type	SQUARE	SQUARE	SQUARE	SLIM FEET	SLIM FEET
	Bezel Type	3 Bezel-less	3 Bezel-less	3 Bezel-less	3 Bezel-less	3 Bezel-less
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)	125 W	140 W	145 W	195 W	250 W
	Power Consumption (Energy Saving Mode)	24	29	27	31	37
	Power Consumption (Stand-by)	0.50 W	0.50 W	0.50 W	0.50 W	0.50 W
	Power Consumption (Typical)	65.0 W	85.0 W	95.0 W	125 W	154 W
Dimension	Set Dimension without Stand (WxHxD)	963.9 x 558.9 x 59.6 mm	1116.8 x 644.2 x 59.9 mm	1230.5 x 707.2 x 59.9 mm	1449.4 x 830.3 x 59.9 mm	1673.2 x 958.2 x 59.9 mm
	Set Dimension with Stand (WxHxD)	963.9 x 610.9 x 226.5 mm	1116.8 x 696.8 x 226.5 mm	1230.5 x 759.8 x 226.5 mm	1449.4 x 906.6 x 282.1 mm	1673.2 x 1047.9 x 341.1 mm
	Package Dimension (WxHxD)	1183 x 670 x 143 mm	1357 x 780 x 152 mm	1467 x 843 x 158 mm	1606 x 963 x 184 mm	1840 x 1118 x 198 mm
Weight	Set Weight without Stand	8.6 kg	11.9 kg	14.3 kg	21.1 kg	30.9 kg
	Set Weight with Stand	11.8 kg	15.1 kg	17.5 kg	21.4 kg	31.3 kg
	Package Weight	15.0 kg	19.3 kg	22.8 kg	29.5 kg	41.8 kg
Accessory	Remote Controller Model	TM1240A	TM1240A	TM1240A	TM1240A	TM1240A
	Batteries (for Remote Control)	Yes	Yes	Yes	Yes	Yes
	Mini Wall Mount Supported	Yes	Yes	Yes	N/A	Yes
	Vesa Wall Mount Supported	Yes	Yes	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes	Yes	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	



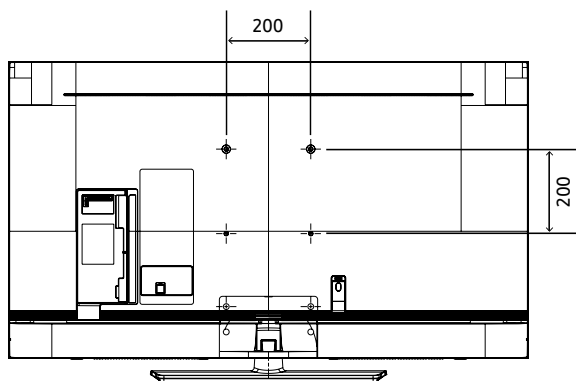
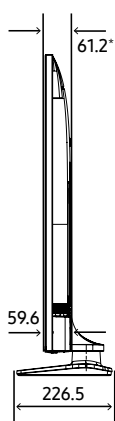
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Specifications

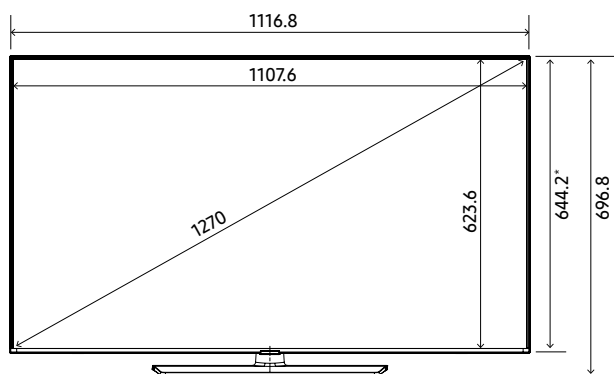
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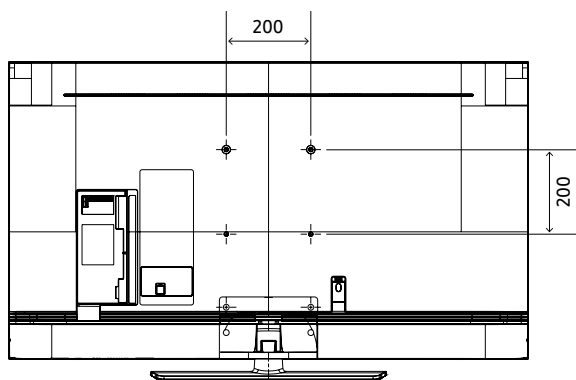
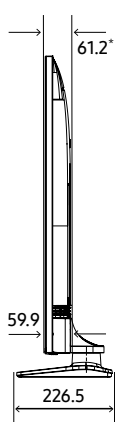
* Including logo



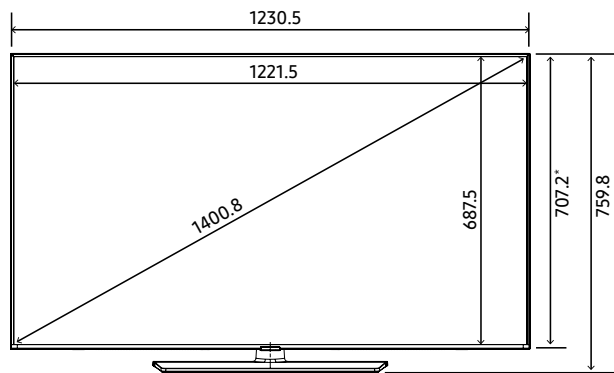
50"



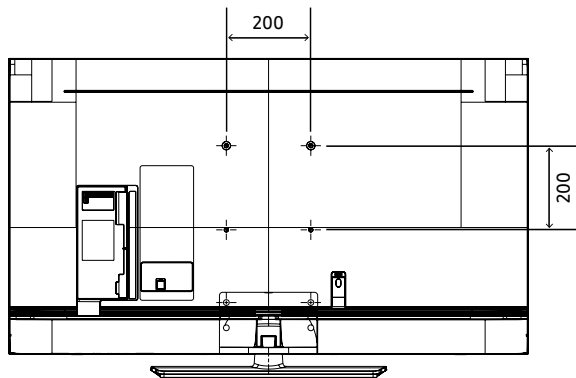
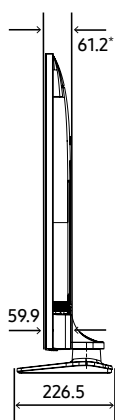
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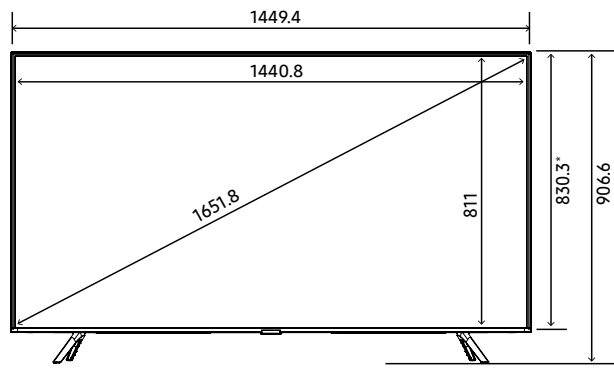
55"



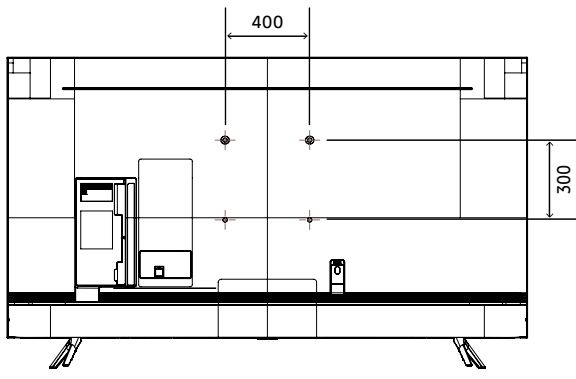
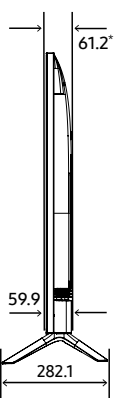
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65"

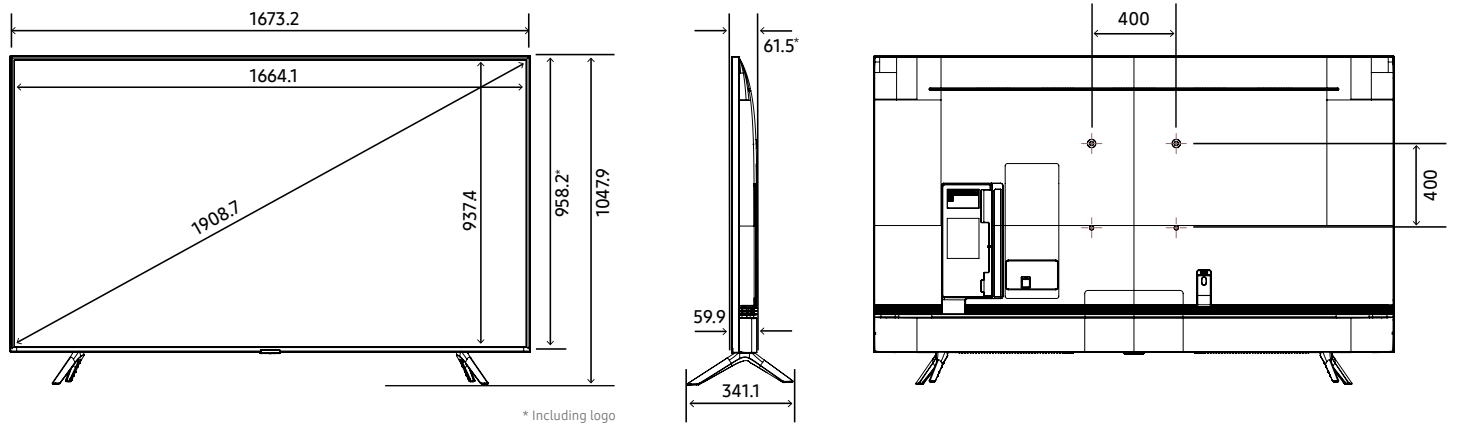


* Including logo



Specifications

75"



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8

Connectors

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

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Hospitality Display

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