



# Samsung SMART Hospitality Display Specification Book

HE470 · HE590 · HE690 · HE694 · **HE890U** · HE890W

Italy

**SAMSUNG**

Samsung HE89U Series Hospitality Displays



# Samsung Hospitality Display with Manageability - HE89U

Unleash all the possibilities that hospitality display can offer including Ultra High Resolution and advanced technologies with sophisticated Real Metal Bezel design

- The High-end flagship displays with sophisticated design and guest-centric capabilities ideal for luxury hotels
- Provide a More Memorable, Upscale Guest Experience through UHD Resolution
- Slim, stylish and exclusive real metal bezel design adds ambience to the hotel room while maintaining guests' focus on on-screen content
- Simplified management of hundreds of in-room displays through the LYNK REACH 4.0 solution's centralized server
- Deliver in-room content with heightened security through integrated LYNK DRM functionality
- Display and enjoy content from compatible personal devices through wireless content sharing

Basic Feature		Hospitality Solution			Convenience Feature		Security		Content Sharing		
Screen Size	Resolution	Home Menu	LYNK™ REACH 4.0	LYNK™ HMS	Multi-code remote control	Improve Plug and Play	LYNK™ DRM	Security Mode	Bluetooth Music Player	Smart View	Screen Mirroring
40",49",55",65"	3,840 x 2,160	•	•	•	•	•	•	•	•	•	•

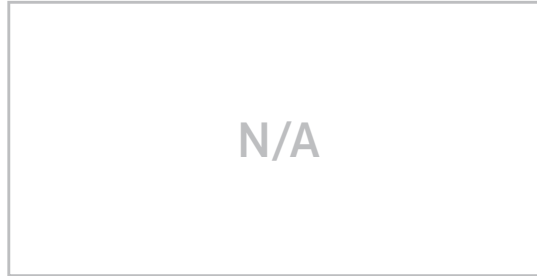
## Specifications

40"



- HG40EE890UB

### Connectors



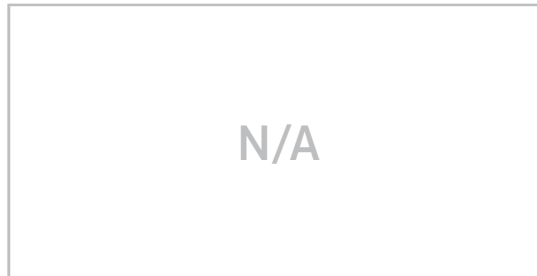
1. USB(5V 0.5A)
2. USB (HDD1.0A) / CLONING
3. DIGITAL AUDIO OUT(OPTICAL)
4. HDMI IN1 (ARC)
5. HDMI IN2
6. DATA
7. LAN
8. COMPONENT IN / AV IN
9. ANT IN

49", 55", 65"



- HG49EE890UB
- HG55EE890UB
- HG65EE890UB

### Connectors



1. USB(5V 0.5A)
2. USB (HDD1.0A) CLONING
3. DIGITAL AUDIO OUT(OPTICAL)
4. HDMI IN1 (ARC)
5. HDMI IN2
6. DATA
7. LAN
8. COMPONENT IN / AV IN
9. ANT IN

HE89U

		40EE890U HG40EE890UB	49EE890U HG49EE890UB	55EE890U HG55EE890UB	65EE890U HG65EE890UB
Display	Backlight	LED	LED	LED	LED
	Inch	40	49	55	65
	Resolution	3,840 × 2,160	3,840 × 2,160	3,840 × 2,160	3,840 × 2,160
Video	Picture Engine	UHD Up-Scaling	UHD Up-Scaling	UHD Up-Scaling	UHD Up-Scaling
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast
	Micro Dimming	UHD Dimming	UHD Dimming	UHD Dimming	UHD Dimming
	Active Crystal Color	Yes	Yes	Yes	Yes
	Wide Color Enhancer (Plus)	N/A	N/A	N/A	N/A
	Auto Motion Plus	Yes	Yes	Yes	Yes
	Film Mode	Yes	Yes	Yes	Yes
	Dolby Digital Plus	Yes	Yes	Yes	Yes
Audio	Virtual Surround	N/A	N/A	N/A	N/A
	DTS Codec	Yes	Yes	Yes	Yes
	Sound Output (RMS)	20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)
	Speaker Type	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)	2CH(Down Firing w/Bass Reflex)
	Wallmount Sound Mode	Yes	Yes	Yes	Yes
	TV SoundConnect	Yes	Yes	Yes	Yes
	BT Headset Support	Yes	Yes	Yes	Yes
	Smart TV Type	Smart	Smart	Smart	Smart
SMART TV	Apps Panel	Yes	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes	Yes
	VESA Mount (mm)	200x200	400x400	400x400	400x400
VESA Standard	VESA Screw Size	M8	M8	M8	M8
	Smart Interaction	Voice Control	Yes	Yes	Yes
Convergence	TV to Mobile - Mirroring	N/A	N/A	N/A	N/A
	Mobile to TV - Mirroring, DLNA	Yes	Yes	Yes	Yes
	Samsung SMART View	Yes	Yes	Yes	Yes
Differentiation	Sports Mode	Yes	Yes	Yes	Yes
	All Care Protection	N/A	N/A	N/A	N/A
Feature	Samsung 3D	N/A	N/A	N/A	N/A
	Processor	Quad Core	Quad Core	Quad Core	Quad Core
	Accessibility	Accessibility (Voice guide/ Enlarge/ High contrast)	Accessibility (Voice guide/ Enlarge/ High contrast)	Accessibility (Voice guide/ Enlarge/ High contrast)	Accessibility (Voice guide/ Enlarge/ High contrast)
	Digital Clean View	Yes	Yes	Yes	Yes
	Auto Channel Search	Yes	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes	Yes
	BD Wise Plus	Yes	Yes	Yes	Yes
	Caption (Subtitle)	Yes	Yes	Yes	Yes
	ConnectShare™ (HDD)	Yes	Yes	Yes	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes	Yes
	EPG	Yes	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes	Yes
	OSD Language	27 European Languages	27 European Languages	27 European Languages	27 European Languages
	Picture-In-Picture	Yes	Yes	Yes	Yes
	BT HID Support	Yes	Yes	Yes	Yes
	USB HID Support	Yes	Yes	Yes	Yes
	Teletext (TTX)	Yes	Yes	Yes	Yes

		HE89U			
		40EE890U HG40EE890UB	49EE890U HG49EE890UB	55EE890U HG55EE890UB	65EE890U HG65EE890UB
Hospitality Feature	Samsung LYNK™ SINC Compatibility	Yes	Yes	Yes	Yes
	Samsung LYNK™ HMS Compatibility	Yes	Yes	Yes	Yes
	H.Browser	Yes	Yes	Yes	Yes
	Samsung LYNK™ REACH (IP)	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
	Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes	Yes	Yes
	Hospitality Home Menu	Home Menu 2015	Home Menu 2015	Home Menu 2015	Home Menu 2015
	Bluetooth Music Player (Mobile → TV)	Yes	Yes	Yes	Yes
	Hospitality Plug&Play(Easy Setup)	Yes	Yes	Yes	Yes
	Auto Source Mode	Yes	Yes	Yes	Yes
	Power On Mode	Yes	Yes	Yes	Yes
	Hotel Channel List	Yes	Yes	Yes	Yes
	Channel Menu Display	Yes	Yes	Yes	Yes
	Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes	Yes	Yes
	My Channel	Yes	Yes	Yes	Yes
	Energy Saving Mode (BLU control)	Yes	Yes	Yes	Yes
	Logo Display with Timer Out Setting (BMP/Movie)	Yes	Yes	Yes	Yes
	Welcome Message	Yes	Yes	Yes	Yes
	RJ12/IR pass through	Yes	Yes	Yes	Yes
	External Clock Compatibility	N/A	N/A	N/A	N/A
	Clock Back Up Supply	Yes	Yes	Yes	Yes
	External Clock Dimming Control	N/A	N/A	N/A	N/A
	Software Clock	Yes	Yes	Yes	Yes
	Multi Code Remote control	Yes	Yes	Yes	Yes
	Screwed Battery Cover	Yes	Yes	Yes	Yes
	Sound Bar Compatibility	Yes	Yes	Yes	Yes
	Music Mode (Input: PC/AV/Component/HDMI)	Yes	Yes	Yes	Yes
	Music Mode Backlight on/off	Yes	Yes	Yes	Yes
	TTX Clock Update (Analogue)	Yes	Yes	Yes	Yes
	USB Cloning	Yes	Yes	Yes	Yes
	Smovie Compatibility	Yes	Yes	Yes	Yes
	Soft AP	Yes	Yes	Yes	Yes
	On/Off Timer (Schedule)	Yes	Yes	Yes	Yes
	Wake-up Timer (Alarm)	Yes	Yes	Yes	Yes
Samsung LYNK™ DRM	Yes	Yes	Yes	Yes	
Pro:Idiom	N/A	N/A	N/A	N/A	
bLAN	N/A	N/A	N/A	N/A	
Security Mode	Yes	Yes	Yes	Yes	
S/W EPG (Solution EPG)	Yes	Yes	Yes	Yes	
Wake on LAN (WOL)	Yes	Yes	Yes	Yes	
IPOver Coax	N/A	N/A	N/A	N/A	

HE89U

	40EE890U HG40EE890UB	49EE890U HG49EE890UB	55EE890U HG55EE890UB	65EE890U HG65EE890UB	
<b>System</b>	Digital Broadcasting	DVB-T2/C/S2	DVB-T2/C/S2	DVB-T2/C/S2	
	Analog Tuner	Yes	Yes	Yes	
	CI (Common Interface)	CI+(1.3)	CI+(1.3)	CI+(1.3)	
	Data Broadcasting	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP	HbbTV (CZ,SK,PL,DE,AT,CH,- FR,PT,ES,BE,NL,LU,HU) MHEG 5 (GB,IS,UK) MHP
		HDMI	2/0	2/0	2/0
<b>Input &amp; Output</b>	USB	2/0	2/0	2/0	
	Component In (Y/Pb/Pr)	1/0	1/0	1/0	
	Composite In (AV)	1/0 (Common Use for Component Y)	1/0 (Common Use for Component Y)	1/0 (Common Use for Component Y)	1/0 (Common Use for Component Y)
	Ethernet (LAN)	1/0	1/0	1/0	1/0
	Headphone	N/A	N/A	N/A	N/A
	Audio Out (Mini Jack / LR)	N/A	N/A	N/A	N/A
	Digital Audio Out (Optical)	1/0	1/0	1/0	1/0
	RF In(Terrestrial / Cable input / Satellite Input)	2/0	2/0	2/0	2/0
	Ex-Link ( RS-232C )	N/A	N/A	N/A	N/A
	CI Slot	0/1	0/1	0/1	0/1
	Scart	N/A	N/A	N/A	N/A
	HDMI A / Return Ch.Support	Yes	Yes	Yes	Yes
	Wireless LAN Built-in	Yes	Yes	Yes	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes	Yes
	Pillow Speaker Jack	N/A	N/A	N/A	N/A
	Variable Audio Out	N/A	N/A	N/A	N/A
	Variable Audio Out Volume Control	N/A	N/A	N/A	N/A
	Video Out	N/A	N/A	N/A	N/A
	RJ12	1/0	1/0	1/0	1/0
	RJP(For Remote Jackpack)	N/A	N/A	N/A	N/A
	Headphone ID	N/A	N/A	N/A	N/A
	Door-Eye Control	N/A	N/A	N/A	N/A
	Door-Eye Video In	N/A	N/A	N/A	N/A
	PC In (D-sub)	N/A	N/A	N/A	N/A
	PC/DVI Audio In (Mini Jack)	N/A	N/A	N/A	N/A
	Ethernet Bridge (LAN-Out)	N/A	N/A	N/A	N/A

		HE89U			
		40EE890U HG40EE890UB	49EE890U HG49EE890UB	55EE890U HG55EE890UB	65EE890U HG65EE890UB
<b>Design</b>	Front Color	Silver	Silver	Silver	Silver
	Stand Type	Y-Shape	Y-Shape	Y-Shape	Y-Shape
	Swivel (Left/Right)	N/A	N/A	N/A	N/A
<b>Dimension</b>	Set Size without Stand - Wall Mount Side (WxHxD)(mm)	TBD	TBD	TBD	TBD
	Set Size without Stand - Speaker Side (WxHxD)(mm)	903.7 x 519.8 x 54.1	1099.4 x 638.7 x 55.3	1235.2 x 715.1 x 54.7	1456.1 x 840.4 x 54.4
	Set Size with Stand (WxHxD)(mm)	903.7 x 575.2 x 304.0	1099.4 x 709.0 x 334.1	1235.2 x 786.7 x 334.1	1456.1 x 924.3 x 378.7
	Package Size (WxHxD)(mm)	1033 x 609 x 165	1275 x 733 x 163	1425 x 819 x 163	1625 x 947 x 185
<b>Weight</b>	Set Weight without Stand (kg)	9.2	14	16.9	23.2
	Set Weight with Stand (kg)	10.5	16.1	19.1	26.7
	Package Weight (kg)	12.5	21.4	25.4	34.6
<b>Accessory</b>	Remote Controller Model	TM1480A+TM1240A	TM1480A+TM1240A	TM1480A+TM1240A	TM1480A+TM1240A
	Batteries (for Remote Control)	Yes	Yes	Yes	Yes
	Samsung Smart Control (Included)	Yes	Yes	Yes	Yes
	Ultra Slim Wall Mount Support	N/A	N/A	N/A	N/A
	Mini Wall Mount Support	Yes	Yes	Yes	Yes
	VESA Wall Mount Support	Yes	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes	Yes
	Data Cable	Yes	Yes	Yes	Yes
	Stand Mount Kit	N/A	N/A	N/A	N/A
	Security Screws	N/A	N/A	N/A	N/A
Angle Adaptor (for Side RF tuner)	N/A	N/A	N/A	N/A	

Partner Samsung

RTR di Cabella [www.rtrdicabella.com](http://www.rtrdicabella.com) [info@rtrdicabella.com](mailto:info@rtrdicabella.com)

011 501012; 011 599405