

Samsung HC89x Series

Sophisticated metallic design and high-end features for state-of-the-art hospitality environments



Highlights

- Create a sophisticated viewing environment with a premium luxury metal design and state-of-the-art technology
- Offer an upgraded guest experience with wireless connection to personal devices
- Customize important hotel content using the brand new Samsung LYNK™ SINC
- Control expenditures with simplified device management and optimized resource management

Create an enhanced in-room entertainment experience

Owners and managers of premium hotels want to provide the superior quality in-room experience that sophisticated travelers expect. In addition, many premium TVs on the market provide a varied selection of features, but include an interface that is difficult to use.

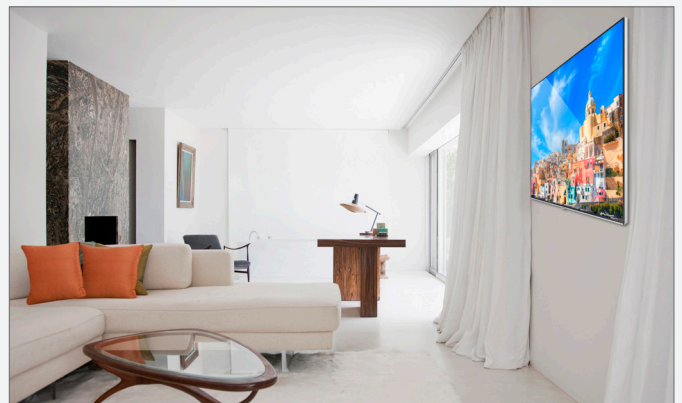
Samsung HC89x Series displays are integrated, high-performing TVs that include many desirable features and an interface designed for ease of use. These displays contribute to a pleasant room ambiance and superior viewing experience because of their slim, streamlined design. With smart connectivity features, the screens offer myriad entertainment options for guests. Hotel staff members can customize the welcome menu with a straightforward interface. Additionally, hotels can stay on budget with affordable content-streaming options and other cost-saving features.

Upgrade premium hotel suites with superior display design

HC89x Series displays are designed especially for 5-star hotel suites. The displays feature a full metal frame and stand for an elevated level of sophistication to enhance the ambiance of high-end hotel rooms.

HC89x Series displays feature Samsung's advanced LED technology that yields an ultra-thin profile. The slim profile enables the displays to fit perfectly into tight hotel room spaces and further elevates in-room décor.

In addition to the slim design, the displays offer a true in-room technology, information and entertainment hub that integrates controllability, manageability and entertainment functionality.



Create an in-room information hub to satisfy guest expectations

Offer flexible entertainment through convenient wireless connectivity

HC89x Series displays transform the guest experience by providing an in-room, multi-device entertainment hub with the following features:

Smart View

Smart View is an easy TV-mobile interaction feature that enables guests to watch TV channels on a broad range of mobile devices. Smart View TV-to-mobile interaction includes Live Channel Mirroring for all channels using a Samsung GALAXY® device and free-to-air channels (only) using an iPhone®. Mobile-to-TV interaction pushes content such as photos, videos and music files from a mobile device to an intuitive interface on the TV for easy selection and viewing. Mobile-to-TV interaction is not restricted to the mobile device platform used. Guest can enjoy their mobile content on the larger in-room TV.

Screen Mirroring

Screen Mirroring enables guests to share the screen of a mobile device on the TV. This sharing capability includes the screen configuration in addition to content. This means that the TV displays exactly what displays on the mobile device, with no content restrictions.

AllShare®

AllShare technology, powered by the Digital Living Network Alliance (DLNA), enables guests to play personal content through a wireless connection on their room TV. Content includes movies, photos and music.

Soft AP

Soft AP provides a software access point (AP) or hotspot. Up to four devices can connect wirelessly to the AP. Hotel managers can change the signal level and channel of the Soft AP to suit the connectivity environment of different rooms. Hotels that provide access to the internet can make the internet connection available to guests through the display's Soft AP.

Tailor the in-room display as an information and entertainment hub with a fully customizable content management solution

With LYNK SINC 3.0, hotels can provide guests with a variety of information in a customized display menu. The LYNK SINC solution offers the following benefits:

Customizable User Interface (UI)

The interface features a grid template where each or conjoining grids can be populated with content that hotels would like to offer their guests. The new interface offers a more detailed grid-type layout that enables hotels to design unique, highly customized home screens that promote branding and impress guests.

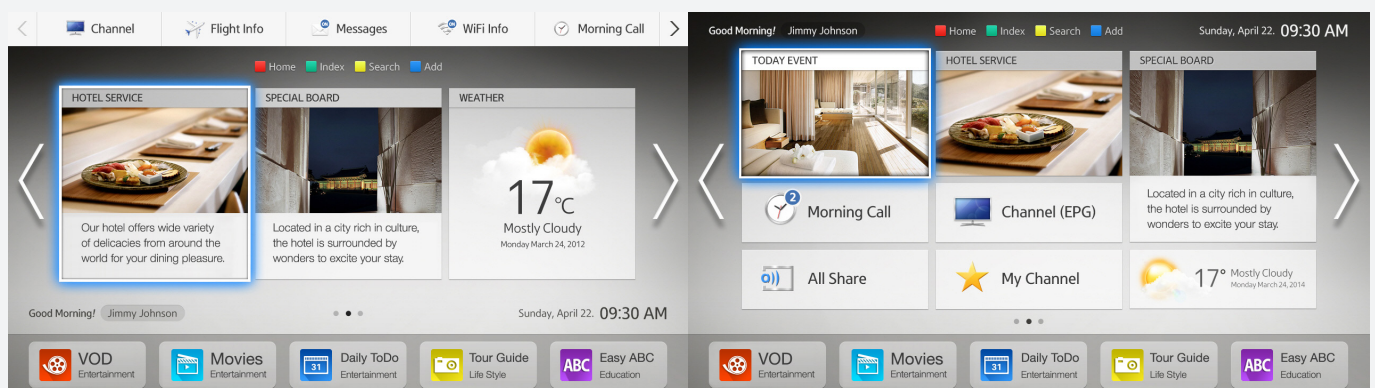


Figure 2. LYNK SINC 3.0 UI enables full customization for creating a unique hotel identity

Enhance guests' convenience by providing a channel stream and other useful information on a home screen

Efficient Management

LYNK SINC 3.0 enables managers to assign various guests to groups that have similar sets of channels and content needs. Managers can create multiple groups of displays with dedicated content for each group, which is ideal for targeting a specific group of guests such as convention attendees.

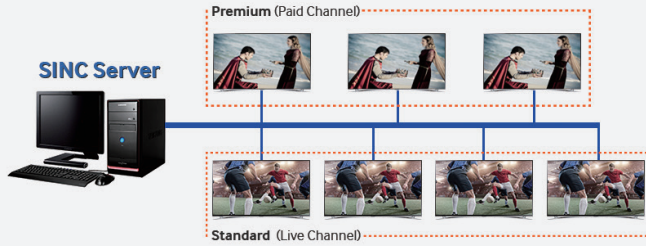


Figure 3. Hotels can organize guests into groups and manage message, channel and content per different groups or even individual guests

Easy and Convenient Guest Experience

Ease-of-use features include the TV display of all necessary information such as hotel services, tourist information, weather, flight information and so on. Multiple languages are supported.

In addition, Samsung apps and TV features enable guests to use familiar apps through the SINC solution, including Facebook®, Twitter® and YouTube™. Guests can link to content, apps and people with TV features such as Screen Mirroring, AllShare, Soft AP and more.

Free Weather Information

Weather information can be provided free of charge from third-party service providers of choice. The weather information is automatically updated, providing guest with the latest weather information for planning their outdoor activities

Timely Flight Information

Hotels can select airport flight information from third-party service providers of choice. Availability of up-to-date flight information is a great benefit to guests who want to coordinate their checkout time with their flight departure.

Convenient Messaging Services

Hotels can provide real-time messages for a guest or a group of guests based on guest information from a PMS server.

Convenient Home Menu provides guests easy access to hotel information and other offerings

Provide convenience even in a no-network environment

HC89x Series displays offer an alternative way for hotels to enhance guests' convenience. With the Hospitality Home Menu, hotels can provide guests with a simple home screen that displays a live channel stream and shows additional information such as the time and date, a welcome message and hotel information. Easy access to commonly used features is also available from the Hospitality Home Menu.

The welcome message, hotel information, and easy access features can be edited from the factory mode. The customizations made to the Home Menu can be easily cloned to a USB, which can then be used to apply the same customization to other Samsung Hospitality Displays.

Minimize overall TCO with cost-saving and energy-efficient features

HC89x Series displays offer many features to help businesses save energy and reduce expenses. The cost-effective displays eliminate the need for STBs, SI dependency and maintenance fees. Installation costs are also low. In addition, the LED displays are cost-effective because they use less energy, emit less carbon dioxide (CO₂) and require less maintenance. The displays are built with fewer harmful materials than cold cathode fluorescent lamps (CCFLs), so manufacturing and recycling processes are more efficient and environmentally friendly.

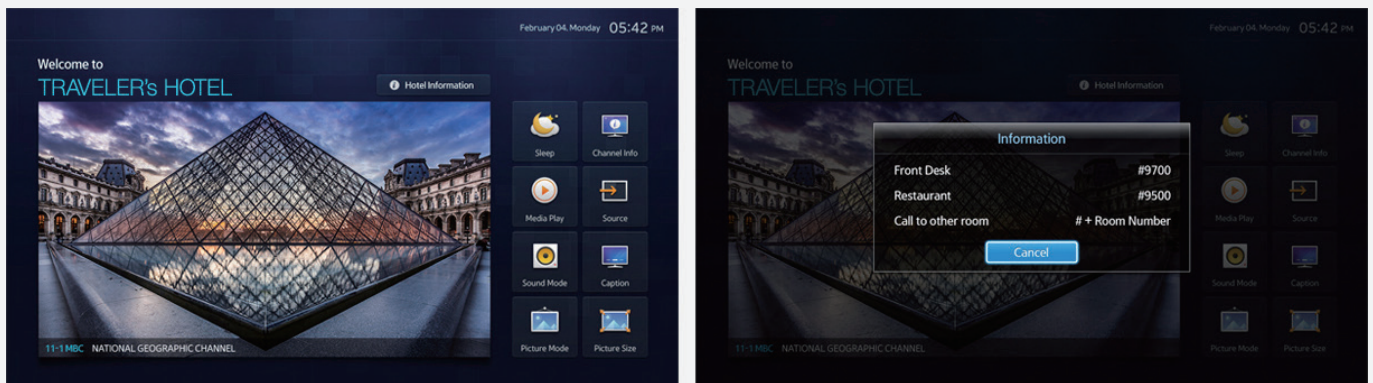


Figure 4. Guests can access the welcome message and hotel information easily through the Hospitality Home Menu

Samsung HC890 Series

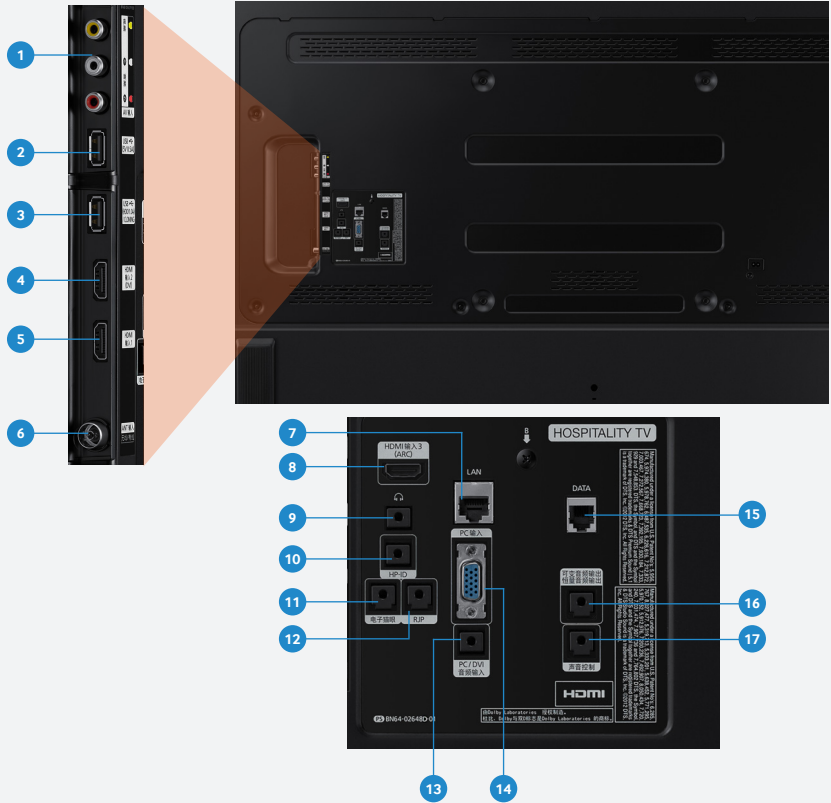
HC890 (China)

65"



- HG65AC890XJ

Connectors



- | | | |
|-----------------------|--------------------|------------------------|
| 1. COMPOSITE IN (AV) | 7. LAN | 13. PC/DVI AUDIO IN |
| 2. USB | 8. HDMI IN 3 (ARC) | 14. PC IN |
| 3. USB | 9. HEADPHONE | 15. DATA |
| 4. HDMI IN 2 (DVI) | 10. HEADPHONE ID | 16. VARIABLE AUDIO OUT |
| 5. HDMI IN 1 | 11. DOOR-EYE | 17. VOL-CTRL |
| 6. ANT IN (AIR/CABLE) | 12. RJP | |

Samsung HC890 Series

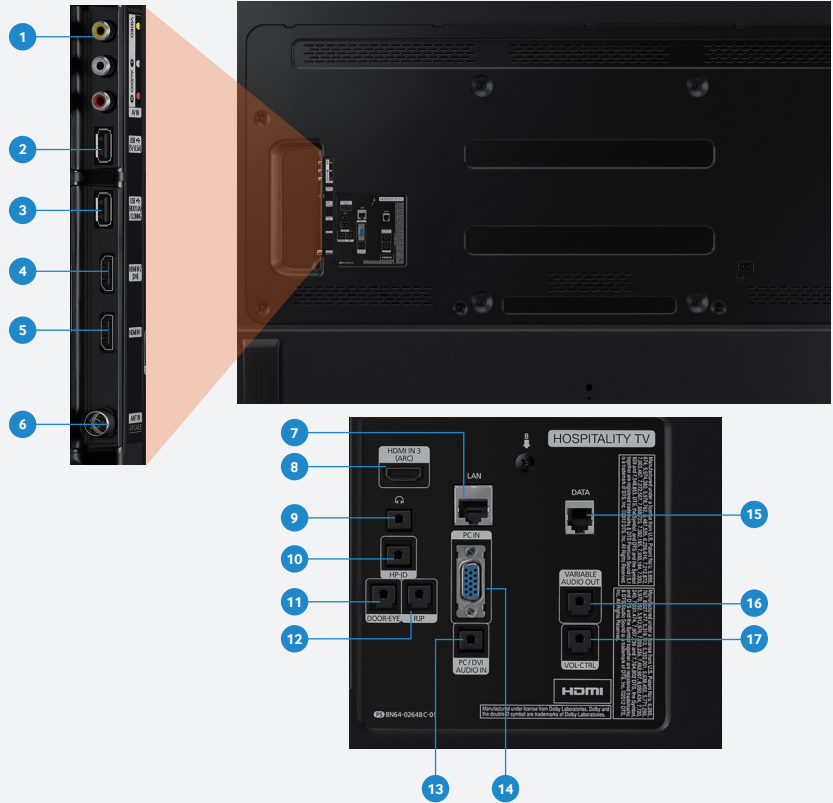
HC890 (Hongkong)

65"



- HG65AC890XJ

Connectors



- | | | |
|-----------------------|--------------------|------------------------|
| 1. COMPOSITE IN (AV) | 7. LAN | 13. PC/DVI AUDIO IN |
| 2. USB | 8. HDMI IN 3 (ARC) | 14. PC IN |
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Samsung HC890 Series

Specifications

		65HC890
Display	Backlight	LED
	Inch	65
	HD/FHD	FHD
	Resolution	1,920 x 1,080
Video	Picture Engine	3D HyperReal Engine
	Static Contrast Ratio	5500:1
	Response Time	6.5ms
	Viewing angle (Horizontal/ Vertical)	178/178
	Brightness	450 cd/m ²
	Micro Dimming	Micro Dimming Pro
	Wide Color Enhancer Plus	200Hz(China) / 240Hz (HongKong)
	Auto Motion Plus	200Hz(China) / 240Hz (HongKong)
Audio	Film Mode	Yes
	Dolby	Dolby MS10
	DTS Studio Sound / DNSe+	DTS Studio Sound
	DTS Premium Sound / DTS Premium Sound 5.1	DTS Premium Sound 5.1
	3D Sound	Yes
	Auto Volume Leveler	Yes
	Speaker Type	Down Firing + New Waveguide
	Sound Output (RMS)	40W(Left:10W, Right:10W, Woofer:20W)
Feature	Woofer	Yes
	Variable Speaker Output	4W (Mono, 8Ω)
	Smart Hub	Yes
	Apps	Yes
	Web Browser	Yes
	Samsung SMART View	Yes
	Voice Control	Yes
	Samsung 3D	Yes
	3D Converter	Yes
	Wireless LAN Built-in	Yes
	AllShare - Contents Sharing	Yes
	AllShare - Screen Mirroring	Yes
	ConnectShare™ (USB 2.0)	Movie
	Wake On LAN	Yes
Soft AP	Yes	
BT HID Built-in	Yes	

Samsung HC890 Series

Specifications

	65HC890
USB HID Support	Yes
TV SoundConnect	Yes
OSD Language	Local Languages
Digital Clean View	Yes
HDMI 1.4 3D Auto Setting	Yes
HDMI 1.4 A / Return Ch. Support (ARC)	Yes
Anynet+ (HDMI-CEC)	Yes
BD Wise Plus	Yes
Feature	
Auto Channel Search	Yes
Auto Power Off	Yes
EPG	Yes
Caption (Subtitle)	Yes
Wake-up Timer	Yes
Sports Mode 2.0	Basic
Game Mode	Yes
Picture-In-Picture	Yes
Sleep Timer	Yes
Hospitality Feature	
Hospitality Home Menu	Yes
Samsung LYNK™ REACH	Yes
Samsung LYNK™ REACH Server Compatibility	Yes
Samsung LYNK™ SINC Compatibility	Yes
H.Browser Compatibility	Yes
Hospitality Plug&Play (Easy Set-up)	Yes
RJ 12 / IR Pass Through	Yes
Power on Mode	Yes
USB Cloning	Yes
Hotel Channel List	Yes
Logo Display with Time Out Setting (BMP/Movie)	Yes
Welcome Message	Yes
Music Mode (Input : PC/AV/Component/HDMI)	Yes

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Specifications

		65HC890
Hospitality Feature	Music Mode BackLight on/off	Yes
	Auto Source Mode	Yes
	Energy Saving Mode(BLU control)	Yes
	Software Clock	Yes
	Software Clock	Yes
	My Channel	Yes
	Multi Code Remote Control	Yes
	Screwed Remote Battery Cover	Yes
	On/Off Timer (Schedule)	Yes
	Smooovie Compatibility	Yes
	Sound bar compatibility	Yes
Input & Output	HDMI (Side/Rear)	2/1
	USB (Side/Rear)	2/0
	Component In (Y/Pb/Pr) (Side/Rear)	No
	Composite In (AV) (Side/Rear)	1/0
	Ethernet (LAN) (Side/Rear)	0/1
	Headphone (Side/Rear)	0/1
	Headphone ID (Side/Rear)	0/1
	Digital Audio Out (Optical) (Side/Rear)	No
	Audio Out (Mini Jack) (Side/Rear)	No
	PC In (D-sub) (Side/Rear)	0/1
	PC/DVI Audio In (Mini Jack) (Side/Rear)	0/1
	RF In (Terrestrial/Cable input) (Side/Rear)	1/0
	RS232C (Common User for RJ12)	Yes (Common Use for RJ12)
	Variable Audio Out (Side/Rear)	0/1
	Variable Audio Out Volume Control (Side/Rear)	0/1
	RJ12 for External Control (Side/Rear)	0/1
	RJP Jack (Remote Jack Pack) (Side/Rear)	0/1
	Video Out (Side/Rear)	No
Door-Eye (Side/Rear)	0/1	

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Specifications

		65HC890
System	DTV Tuner	DTMB
	Analog Tuner	Yes
Design	Front Color	Black
	Stand Type	U Stand
	Swivel (Left/Right)	N/A
Dimension	Set Dimension with Stand (WxHxD) (mm)	1447.3 * 886.1 * 301.8
	Set Dimension without Stand (WxHxD) (mm)	1447.3 * 836.4 * 35.2
	Package Dimension (WxHxD) (mm)	1571 * 945 * 182
Weight	Set Weight with Stand (kg)	25.0
	Set Weight without Stand (kg)	22.4
	Package Weight (kg)	32.0
VESA	VESA Mount (mm)	400*400
	VESA Screw Size	M8
Power	Power Supply (V)	AC100-240V 50/60Hz
	Power Consumption (Rated) (Watts)	170
	Power Consumption (Stand-by) (Watts)	0.3
	Power Consumption (Typical) (Watts) (China only)	100
Eco	Eco Seneor	Yes
	Energy Efficiency Class (China only)	2
Accessory	Remote Controller Model	TM1480 + TM1240
	Battery (for Remote Control)	Yes
	Mini Wall Mount Support	Yes
	Vesa Wall Mount Support	Yes
	Power Cable	Yes
	3D Glasses (Included)	Yes
	Slim Gender Cable	Yes
	Quick Install Guide	Yes
	Stand Mount Kit	No

Legal and additional information

About Samsung

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For more information

For more information about Samsung HC89 Series displays, visit www.samsung.com/business or www.samsung.com/displaysolutions

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1. This feature is available only in the European HB765 model.

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