

Samsung HC69x Series

Slim profile and robust functionality
designed for premium hospitality
environments



Highlights

- Create a sophisticated viewing environment with a premium slim design and state-of-the-art technology
- Offer an upgraded guest experience with wireless connection to personal devices
- Customize important hotel content using brand new Samsung LYNK™ SINC 3.0
- Protect content with Samsung's software-based LYNK Digital Rights Management (DRM) technology
- Provide convenient Home Menu for guests even in no-network environments
- 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 HC69x 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

HC69x Series displays are designed especially for 4-star hotels. The displays feature a slim design and create an elevated level of sophistication to enhance the ambiance of high-end hotel rooms.

HC69x 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 the in-room decor.

The displays also feature a narrow bezel. Without a cumbersome frame, the displays virtually blend into the background, allowing guests to focus on the images projected rather than the equipment delivering them.



Figure 1. HC69x Series displays enrich premium hospitality environments with a superior display design.

Convenience features increase ease of management and enhance the guest experience

Offer flexible entertainment through convenient wireless connectivity

HC69x 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 through an intuitive interface available on the mobile device to the TV for easy selection and viewing. Mobile-to-TV interaction is not restrictive of the mobile device platform used. Guests can enjoy their mobile contents 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 TVs. 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.

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 content-box type template for flexibility and ease of use. 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.

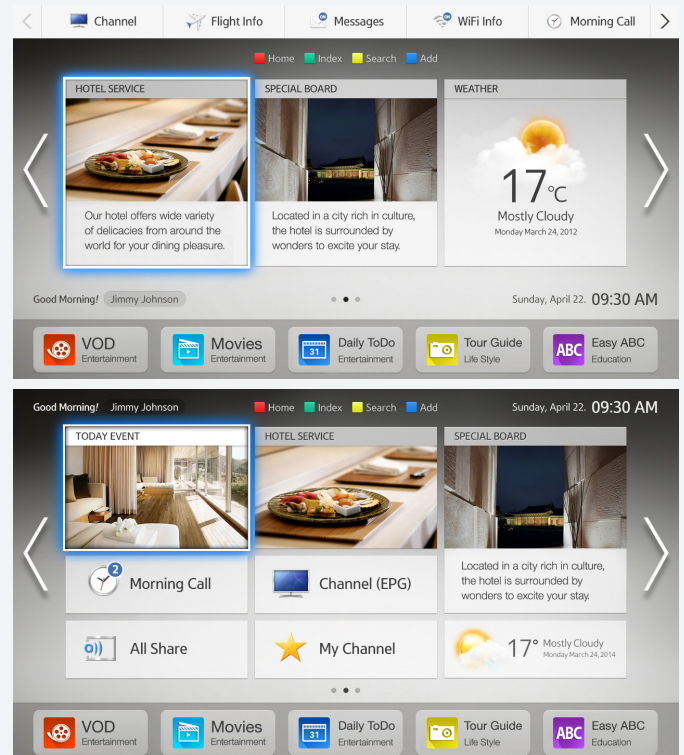


Figure 2. LYNK SINC 3.0 UI enables full customization for creating a unique hotel identity

Wireless, information and channel options satisfy guest requirements

Efficient Management

LYNK SINC 3.0 provides organizing guests into groups which allows various services such as message, channel and content to be managed per different groups or even to individual guests. The ability to monitor in-room TV status as well as controlling TVs, such as power and firmware update, offers hotels an efficient means to manage their assets. Hotels can create unique channel list and edit customer channel mapping of available channels to tailor channels as hotels want.

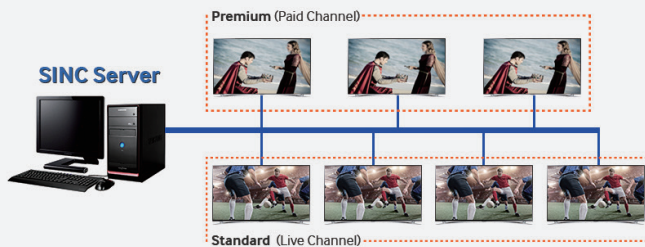


Figure 3. Hotels can organize guests into groups and manage message, channel and content per different groups or even individual guests.

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 person or a group of guests based on guest information from a PMS server.

Enhance content protection with a pure software DRM solution

Samsung LYNK DRM technology provides hoteliers with a protected and cost-effective alternative to traditional hardware-based content protection systems. The solution allows encrypted content to pass safely and to display on hotel TVs.

A software-only implementation, LYNK DRM technology reduces the need for additional equipment and provides quicker recovery for Conditional Access System (CAS) problems. Enhanced functions include support for video on demand (VoD). To help ensure reliability of the system, coverage extends to the enlargement of head-end equipment for cable operators.

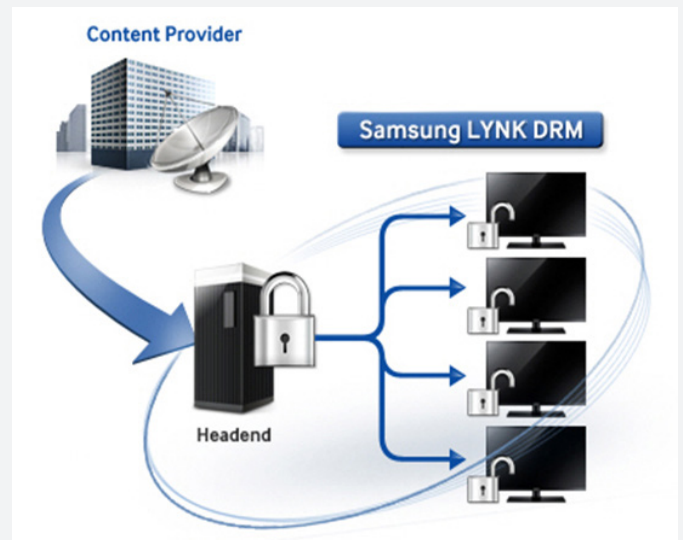


Figure 4. Samsung LYNK DRM technology allows encrypted content to be passed and displayed safely on hotel TVs.

Easy access Home Menu provides guests convenience to hotel information and offerings

Provide convenience even in a no-network environment

Hc69x Series offer an alternative way for 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 simplified device management and optimized resource management

Samsung Hospitality Displays provide centralized management from a control room, and the convenient and efficient management features provided default also reduce trips to the rooms for display maintenance. Being connected to the hotel's network infrastructure, each in-room display can be monitored and even have the content grouping policy and EPG deployed instantaneously from the control room. The simplified configuration of having just the display that delivers similar convenience without the complexity of an additional set-top box(STB) provides hotels the benefit of one less device to worry about.

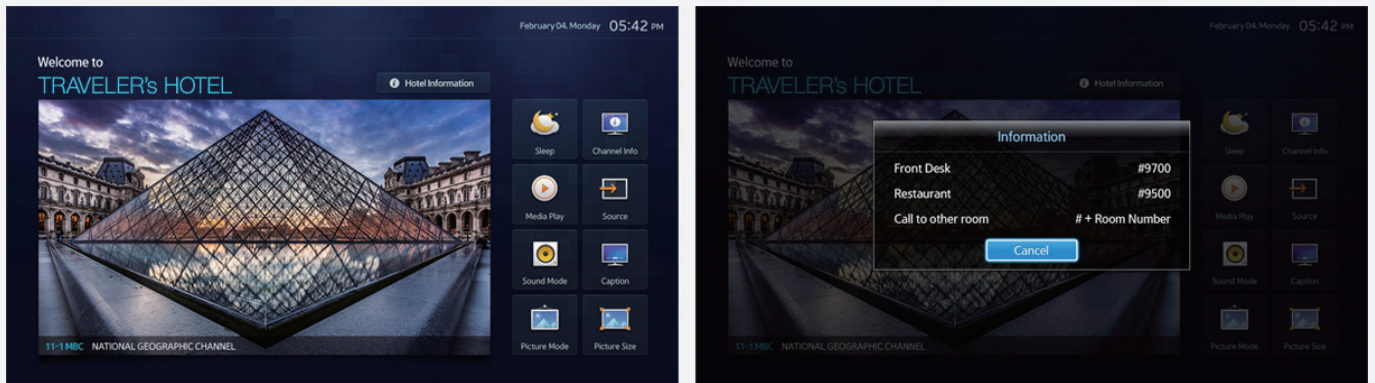


Figure 5. Guests can access the welcome message and hotel information easily through the Hospitality Home Menu

Samsung HC69x Series

HC690

32" / 40" / 48" / 55"

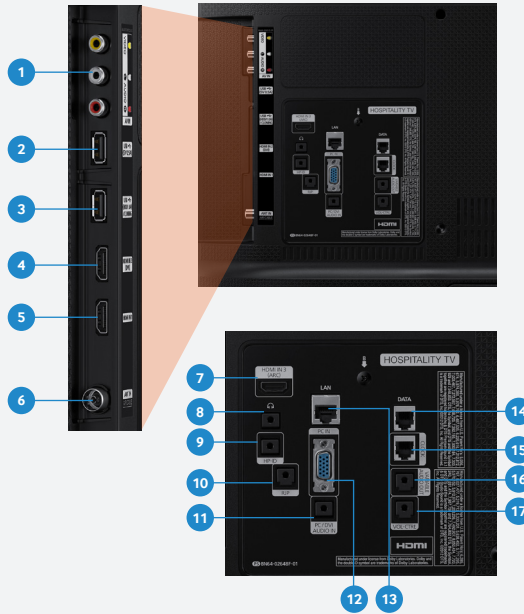


- HG32AC690DW
- HG40AC690DW
- HG48AC690DW



- HG55AC690EW

Connectors



1. COMPONENT / AV-IN
2. USB
3. USB
4. HDMI IN 2 (DVI)
5. HDMI IN 1
6. ANT IN (AIR/CABLE)
7. HDMI IN 3 (ARC)
8. HEADPHONE
9. HEADPHONE ID
10. RJP
11. PC/DVI AUDIO IN
12. PC IN
13. RJ45 (LAN)
14. DATA
15. CLOCK
16. VARIABLE AUDIO OUT
17. VOL-CTRL

Samsung HC69x Series

HC695

32" / 40" / 48" / 55"

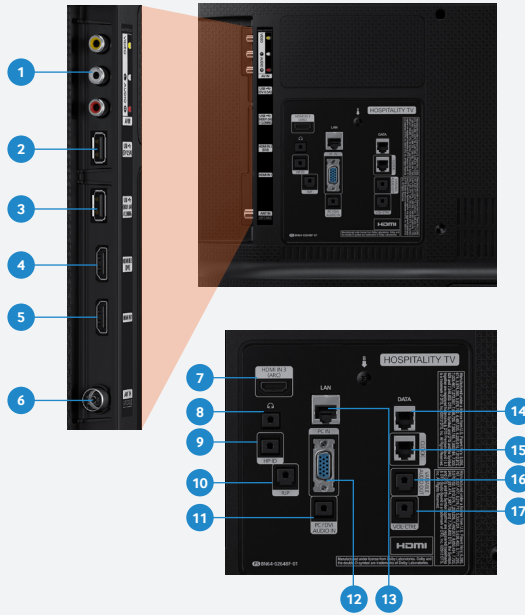


- HG32AC695DK
- HG40AC695DK
- HG48AC695DK



- HG55AC695EK

Connectors



1. COMPONENT / AV-IN
2. USB
3. USB
4. HDMI IN 2 (DVI)
5. HDMI IN 1
6. ANT IN (AIR/CABLE)
7. HDMI IN 3 (ARC)
8. HEADPHONE
9. HEADPHONE ID
10. RJP
11. PC/DVI AUDIO IN
12. PC IN
13. RJ45 (LAN)
14. DATA
15. CLOCK
16. VARIABLE AUDIO OUT
17. VOL-CTRL

Samsung HC69x Series

Specifications

		32HC690	40HC690	48HC690	55HC690	32HC695	40HC695	48HC695	55HC695	
Display	Backlight	LED								
	Inch	32	40	48	55	32	40	48	55	
	HD/FHD	FHD								
	Resolution	1,920 x 1,080								
Video	Picture Engine	HyperReal Engine								
	Static Contrast Ratio	5000:1								
	Response Time	8ms		6ms		8ms		6ms		
	Viewing angle (Horizontal/ Vertical)	178/178								
	Brightness	350 cd/m ²								
	Micro Dimming	N/A		No		N/A		No		
	Wide Color Enhancer Plus	Yes								
	Auto Motion Plus	N/A		100Hz		N/A		100Hz		
	Film Mode	Yes								
	Audio	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		N/A								
Auto Volume Leveler		Yes								
Speaker Type		Down Firing + Full Range								
Sound Output (RMS)		10W X 2								
Woofer		N/A								
Feature	Variable Speaker Output	4W (Mono, 8Ω)								
	Smart Hub	Yes								
	Apps	Yes								
	Web Browser	Yes								
	Samsung Smart View	Yes								
	Voice Control	N/A								
	Samsung 3D	N/A								
	3D Converter	N/A								
	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 HC69x Series

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Feature	USB HID Support				Yes			
	TV SoundConnect				Yes			
	OSD Language				Local Languages			
	Digital Clean View				Yes			
	HDMI 1.4 3D Auto Setting				N/A			
	HDMI 1.4 A / Return Ch. Support (ARC)				Yes			
	Anynet+ (HDMI-CEC)				Yes			
	BD Wise Plus				N/A			
	Auto Channel Search				Yes			
	Auto Power Off				Yes			
	EPG				Yes			
	Teletext (TTX)				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			
	Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)				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

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Hospitality Feature	Music Mode BackLight on/off					Yes			
	Auto Source Mode					Yes			
	Energy Saving Mode(BLU control)					Yes			
	External Clock Compatibility					Yes			
	Clock Back Up Supply					Yes			
	External Clock Dimming Control					Yes			
	Software Clock					Yes			
	My Channel					Yes			
	Multi Code Remote Control					Yes			
	Screwed Remote Battery Cover					Yes			
	Security Mode					No			
	Smovie Compatibility					Yes			
	Sound bar compatibilit					Yes			
	Samsung LYNK DRM					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					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				

Samsung HC69x Series

Specifications

		32HC690	40HC690	48HC690	55HC690	32HC695	40HC695	48HC695	55HC695
System	DTV Tuner	DVB-T/C				DVB-T2/C			
	Analog Tuner	Yes							
Design	Front Color	Black							
	Stand Type	Square							
	Swivel (Left/Right)	90/90							
Dimension	Set Dimension with Stand (W x H x D) (mm)	721.4 x 465.6 x 192.6	906.6 x 577.6 x 226.5	1,075.1 x 673.5 x 226.5	1,230.6 x 762.8 x 226.5	721.4 x 465.6 x 192.6	906.6 x 577.6 x 226.5	1,075.1 x 673.5 x 226.5	1,230.6 x 762.8 x 226.5
	Set Dimension without Stand (W x H x D) (mm)	721.4 x 428.5 x 64.9	906.6 x 532.9 x 65.1	1,075.1 x 627.6 x 65.5	1,230.6 x 718.4 x 64.0	721.4 x 428.5 x 64.9	906.6 x 532.9 x 65.1	1,075.1 x 627.6 x 65.5	1,230.6 x 718.4 x 64.0
	Package Dimension (W x H x D) (mm)	899 x 506 x 113	1,100 x 616 x 120	1,292 x 730 x 133	1,535 x 810 x 145	899 x 506 x 113	1,100 x 616 x 120	1,292 x 730 x 133	1,535 x 810 x 145
Weight	Set Weight with Stand (kg)	6.4	10.7	14	18.6	6.4	10.7	14	18.6
	Set Weight without Stand (kg)	5	7.8	11.1	15.7	5	7.8	11.4	15.7
	Package Weight (kg)	7.5	12.3	17.5	23.0	7.5	12.3	17.5	23.0
VESA	VESA Mount (mm)	200 x 200		400 x 400		200 x 200		400 x 400	
	VESA Screw Size	M8							
Power	Power Supply (V)	AC100-240V 50/60Hz							
	Power Consumption (Rated) (Watts)	89	107	122	162	89	107	122	162
	Power Consumption (Stand-by) (Watts)	0.5							
Eco	Eco Sensor	Yes							
Accessory	Remote Controller Model	TM1240							
	Battery (for Remote Control)	Yes							
	Mini Wall Mount Support	Yes							
	Vesa Wall Mount Support	Yes							
	Power Cable	Yes							
	Data Cable	Yes							
	Slim Gender Cable	N/A							
	Quick Install Guide	Yes							
	Stand Mount Kit	No	Yes			No	Yes		

Legal and additional information

About Samsung

Samsung Electronics Co., Ltd. is a global leader in technology, opening new possibilities for people everywhere. Through relentless innovation and discovery, we are transforming the worlds of TVs, smartphones, tablets, PCs, cameras, home appliances, printers, LTE systems, medical devices, semiconductors and LED solutions. We employ 286,000 people across 80 countries with annual sales of US\$216.7 billion. To discover more, please visit www.samsung.com.

For more information

For more information about Samsung HC69x 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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