

Samsung HC670 Series

Attractive and high-performing displays designed for hospitality environments



Highlights

- Provide a premium viewing experience with slim, stylish LED displays for hospitality guests
- Streamline content management with Samsung LYNK™ REACH 3.0 solution
- Provide convenient Home Menu for guests even in no-network environment
- Enhance security with Samsung's software-based LYNK Digital Rights Management (DRM) technology
- Help guests stay on time with the clock accessory supported by a backup power supply

Address guest needs and staff requirements with consistent hospitality displays

Successful hoteliers know that travelers expect in-room entertainment similar to what they experience at home. However, hotel owners and managers must control costs when investing in new displays. Finding an affordable mid-range in-room display with superior performance and a slim design can be a challenge. Many displays on the market lack compatibility with standard System Integrator (SI) solutions.

Samsung HC670 Series high-performing displays include many features hoteliers need, at a reasonable cost. The slim, streamlined design of these displays contributes to a pleasant room ambiance and superior viewing experience. Plus, the displays include content tools to simplify content management by hotel staff.

Guests can stay on schedule with the help of the clock accessory and be entertained with myriad entertainment options.

Create an enhanced in-room entertainment environment

High-quality displays in guest rooms can contribute to an enjoyable hotel stay. With the elegant design of Samsung HC670 Series slim displays, hoteliers can elevate guests' viewing experience. Light and unobtrusive, the displays feature a narrow bezel, providing more viewing area. The slim display form factor further brings details that provide hotel guests a richer viewing experience and a more sophisticated in-room atmosphere.



Figure 1. HC670 Series displays elevate guests' viewing experience with a slim and elegant design

Offer an enriching hotel guest experience with a wide range of entertainment options

Simplify information updates with intuitive tools

LYNK REACH 3.0* is a specialised solution for hospitality environments that provides a simplified User Interface (UI) and editing tool. This tool organises and displays content, such as hotel information, images, logos and Electronic Program Guides (EPGs) using existing infrastructure. Four editable templates are provided for creating a fully customisable UI. Also provided is a new template that supports advertisements with live channels for the hotel lobby and restaurants. The ability to include advertisements on the displays during broadcasts provides an additional revenue stream for hotels.

The REACH server provides a straightforward way to manage several hundred hospitality displays remotely. This system helps reduce labor costs associated with updating each display individually. The technology also helps reduce Total Cost of Ownership (TCO) because no Set Top Box (STB) or Internet Protocol (IP) infrastructure is needed.



Figure 2. The REACH server allows hoteliers to manage several hundred hospitality displays remotely

The REACH interface is designed to display content on in-room screens and provide PC-based content management for hotel personnel. In-room screen content includes hotel information and marketing messages for guests. The interface helps content managers readily edit and manage information and the content can be provided from the Internet through the REACH server.

To further customise in-room content for guests, REACH offers additional conveniences for the hotel manager, such as creating content for specific groups of guests. Various guests can be assigned to groups that have similar sets of channels and content needs. Managers can create up to 10 groups of displays with dedicated content for each group, which is ideal for targeting a specific group of guests such as convention attendees.

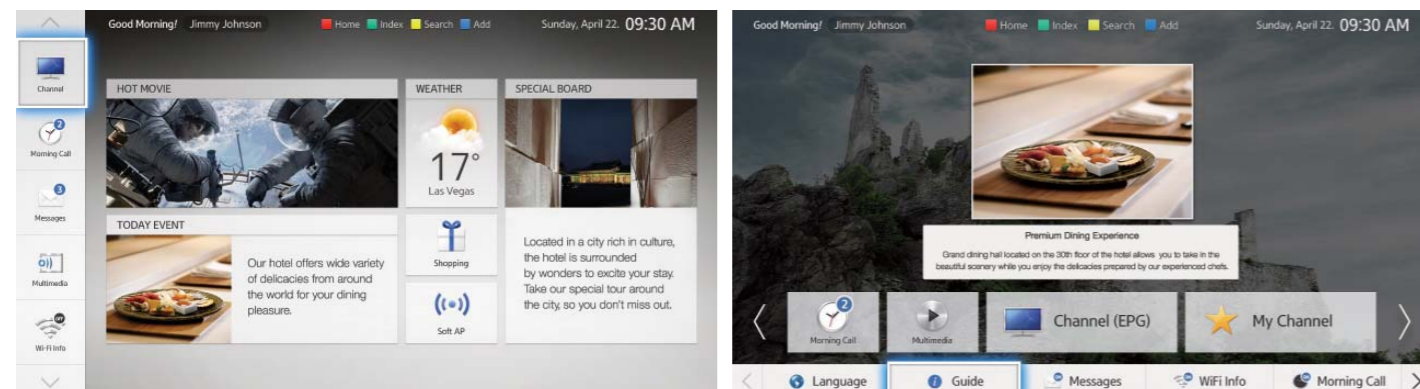


Figure 3. The REACH UI can be customised to provide hotels with a look uniquely their own

*LYNK REACH 3.0 to be purchased separately, license terms and conditions apply. Please check with Samsung for more details.

LYNK DRM delivers robust security functions with greater flexibility

Provide convenience even in a no-network environment

HC670 Series displays 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. Plus, the home screen 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. Plus, the customisations made to the Home Menu can be easily cloned to a USB, which can then be used to apply the same customisation to other Samsung Hospitality Displays.

Enhance content protection with pure software DRM solution

Samsung LYNK DRM technology provides hoteliers, facility managers and owners with a safeguarded and cost-effective alternative to traditional hardware-based content protection systems. This technology allows encrypted content to pass safely to display on hospitality screens.

A software-only implementation, Samsung LYNK DRM technology provides quicker recovery for Conditional Access System (CAS) problems. Enhanced functions include support for a Video-on-Demand (VoD) system. To help ensure reliability, the technology also supports additions to cable head-end equipment.

Reinforce management over in-room displays with Security Mode

Samsung HC670 Series displays provide the unique and strong hardware control with Security Mode. With this feature, managers can disable Teletext (TTX), the HDMI® port and the USB port on the displays. By controlling these hardware functions using the Security Mode, managers can prevent guests from viewing non-compliant content or transmitting unwanted TTX on the hotel property. For the customer who requires a high content management level, this Security Mode can help maintain complete in-room control.

Offer accurate timekeeping without interruption using the clock accessory

The optional, attachable clock helps hoteliers provide the correct time to guests. The clock's backup power supply eliminates the need to reset the time if a power interruption occurs. The clock can run accurately without external power for up to 72 hours.

Minimise overall TCO with simplified device management and optimised resource management

Samsung Hospitality Displays provide centralised 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 STB provides hotels the benefit of one less device to worry about.

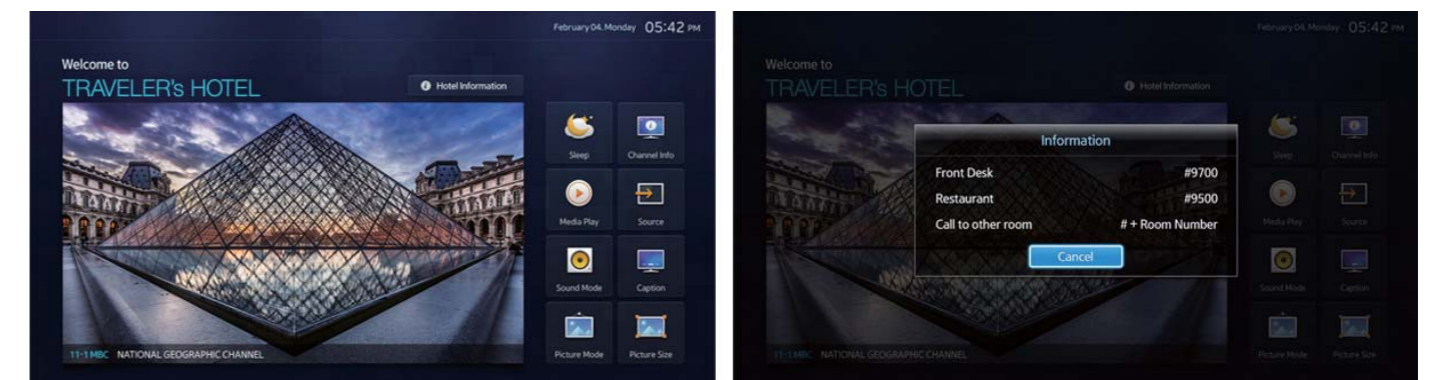


Figure 4. Guests can access the welcome message and hotel information easily through the Hospitality Home Menu

HC670

32" / 40" / 48"



• HG32AC670AW



• HG40AC670CW

• HG48AC670CW

Connectors



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

Specifications

		32HC670	40HC670	48HC670
Display	Backlight	LED		
	Inch	32	40	48
	HD/FHD	HD	FHD	
	Resolution	1,366 x 768	1,920 x 1,080	
Video	Picture Engine	HyperReal Engine		
	Static Contrast Ratio	6000:1	5000:1	
	Response Time	7ms	8ms	
	Viewing angle (Horizontal/Vertical)	178/178		
	Brightness	250 cd/m ²	350 cd/m ²	
	Micro Dimming	N/A		
	Wide Color Enhancer Plus	Yes		
	Auto Motion Plus	N/A		
	Film Mode	Yes		
	Audio	Dolby	Dolby Digital Plus / Dolby Pulse	
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		
Variable Speaker Output		4W (Mono, 8Ω)		
Feature		SMART HUB	N/A	
	Apps	N/A		
	Web Browser	N/A		
	Samsung Smart View	N/A		
	Voice Control	N/A		
	Samsung 3D	N/A		
	3D Converter	N/A		
	Wireless LAN Built-in	No		
	AllShare - Contents Sharing	N/A		
	AllShare - Screen Mirroring	N/A		
	ConnectShare™ (USB 2.0)	Movie		
	Wake On LAN	N/A		
	Soft AP	No		
	BT HID Built-in	N/A		
USB HID Support	N/A			

Samsung HC670 Series

Specifications

	32HC670	40HC670	48HC670
TV SoundConnect		N/A	
OSD Language		Local Language	
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 Home Menu		Yes	
Samsung LYNK™ REACH		Yes	
Samsung LYNK™ REACH Server Compatibility		Yes	
Samsung LYNK™ SINC Compatibility		No	
H.Browser Compatibility		No	
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	
Music Mode BackLight on/off		Yes	

Samsung HC670 Series

Specifications

	32HC670	40HC670	48HC670
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		Yes	
Smovie Compatibility		Yes	
Sound Bar Compatibility		Yes	
Samsung LYNK DRM		Yes	
HDMI (Side/Rear)		2/0	
USB (Side/Rear)		1/0	
Component In (Y/Pb/Pr) (Side/Rear)		No	
Composite In (AV) (Side/Rear)		0/1	
Ethernet (LAN) (Side/Rear)		N/A	
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 HC670 Series

Note

Specifications

		32HC670	40HC670	48HC670
System	DTV Tuner	DVB-T/C		
	Analog Tuner	Yes		
Design	Front Color	Black		
	Stand Type	Square		
	Swivel (Left/Right)	90/90		
Dimension	Set Dimension with Stand (WxHxD) (mm)	736.1 x 485.8 x 192.6	908.2 x 577.6 x 226.5	1,076.7 x 673.5 x 226.5
	Set Dimension without Stand (WxHxD) (mm)	736.1 x 447.4 x 62.9	908.2 x 532.9 x 64.8	1,076.7 x 626.6 x 65.2
	Package Dimension (WxHxD) (mm)	899 x 516 x 113	1,100 x 616 x 120	1,292 x 730 x 133
Weight	Set Weight with Stand (kg)	6.4	10.4	13.9
	Set Weight without Stand (kg)	4.9	7.7	11.1
	Package Weight (kg)	7.5	12	17.3
VESA	VESA Mount (mm)	200 x 200		400 x 400
	VESA Screw Size	M8		
Power	Power Supply (V)	AC100-240V 50/60Hz		
	Power Consumption (Rated) (Watts)	58	90	115
	Power Consumption (Stand-by) (Watts)	0.3		
Eco	Eco Sensor	No	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	

Note

Note

Legal and additional information

About Samsung Electronics Co., Ltd.

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.

For more information

For more information about Samsung HC670 Series displays, visit www.samsung.com/sg/business

Note: Certain features, services and applications (including 4G+ LTE and VoLTE) are dependent on network connectivity and may not be available in all coverage areas. Additional data charges may apply. Non-metric weights and measurements are approximate. Specifications, data and designs are accurate as at time of print and are subject to change without prior notice. All company, product and service names mentioned herein are marks, trademarks, registered trademarks or service marks of the respective owners. Images are for illustration purposes only. © 2015 Samsung Electronics Co. Ltd.