



SAMSUNG HOSPITALITY DISPLAYS

HF693 SERIES (North America)

Foster a Comfortable, Home-Like Patient Experience through Samsung's Versatile HF693

More hospitals and healthcare facilities are turning to premium digital entertainment technologies to offer patients a comfortable, home-like healing experience. Samsung's HF693 hospitality displays take in-room engagement to the next level, providing facilities with an all-in-one combination of seamless content delivery and improved operational efficiency. These UL-certified displays accommodate various patient room dimensions and safety regulations for easier installation. Additionally, patients can enjoy clear corresponding audio through pillow speakers, preventing the need for external – and potentially uncomfortable – headsets or devices.

HIGHLIGHTS

- Amplify guests' content engagement through clear, comfortable pillow speakers
- Build and launch compatible web applications within the powerful TIZEN OS
- Maintain optimal content performance via the integrated H.Browser
- Simplify operations by offering healthcare providers a tailored home menu
- Develop and share personalized content through the centralized LYNK REACH 4.0 server
- Manage multi-display networks more efficiently over the LYNK HMS server



PILLOW SPEAKER OUT AND MULTI-CODE REMOTE

Through convenient pillow speaker compatibility, Samsung's HF693 displays enable patients to create the feel of home. The displays' corresponding pillow-speakers enable patients to enjoy clear streaming audio without headphones, preventing the intrusion of loud sets. Additionally, patients can easily control displays and call a nurse at the push of a single button. The HF693 also provides a multi-code remote that deters potential interference from neighboring remotes or displays.

Samsung Hospitality Displays secured by Knox

Application

Platform

System

Higher Graphic Performance
Tizen 3.0

42Fps

Low Graphic Performance
Conventional

11Fps

POWERFUL GRAPHIC PERFORMANCE WITH ENHANCED SECURITY

Beyond its advanced graphics capabilities, Samsung's H.Browser technology empowers fast and accurate application development from any location. All applications are compatible with, and can be developed and stored within, the TIZEN OS, and are backed by an advanced Software Development Kit (SDK). The platform's Web Simulator and Remote Web Inspector (RWI) tools further refine applications through real-time performance and security testing.

Web App SDK

- ▶ HTML5 and Standards Based
- ▶ TV Extended Web API
- ▶ Light Weight Web Simulator
- ▶ Extensive Tool Suite

Utility Tools & Support

- ▶ Live Debugging
- ▶ Real TV Connection
- ▶ Debugging & Profiling
- ▶ Tizen Community

SIMPLE, COMPATIBLE WEB APP DEVELOPMENT

Beyond its advanced graphics capabilities, Samsung's H.Browser technology empowers fast and accurate application development from any location. All applications are compatible with, and can be developed and stored within, the TIZEN OS, and are backed by an advanced Software Development Kit (SDK). The platform's Web Simulator and Remote Web Inspector (RWI) tools further refine applications through real-time performance and security testing.

- Logo image
- Background Images / Video

- Smooth Text Overlay
- Customizable & Unlimited Feature Icons

A TAILORED HOME MENU FOR GUESTS

The embedded TIZEN platform also enables hotel managers to customize their displays' home menus to match their unique brand and offerings. This includes unlimited icons in the bottom scroll bar and the addition of customized imagery and logo placement in the background. As a result, managers and guests alike can navigate the interface freely and at improved efficiency.



CENTRALIZED, REAL-TIME MANAGEMENT

As a unified content management solution, LYNK REACH 4.0 accommodates LAN, Wi-Fi, and coaxial infrastructures to amplify hotel management, monitoring and guest service functions. The LYNK REACH 4.0 platform's centralized, real-time monitoring streamlines maintenance demands. Hotel managers can select single display or display groups and troubleshoot guest issues before they escalate.



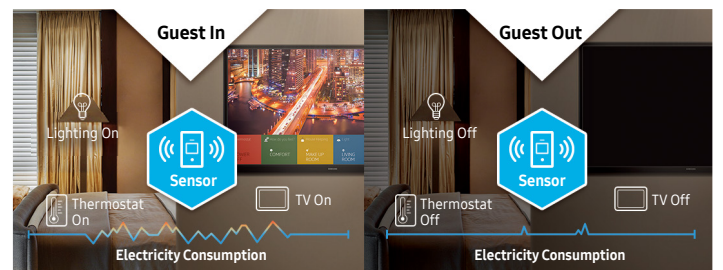
END-TO-END PERSONALIZED SERVICE

Hotels additionally can use the LYNK REACH 4.0 platform to deliver customized messages to guests relevant to their specific stay details or interests. As guests arrive, hotel operators can greet them with a personalized welcome message while also promoting on-site amenities and promotions. Once the stay concludes, LYNK REACH 4.0 offers express check-out to save guests the time and hassle of a trip to the lobby.



CONVENIENT AND THOROUGH ROOM MANAGEMENT

Hospitality display users additionally can leverage the displays' integrated LYNK HMS technology to manage room settings and guest-staff communication more conveniently and efficiently. LYNK HMS' Room Management Solution (RMS) streamlines hotel maintenance while offering more detailed visibility into in-room device performance and energy use. The complementary In-Room Control (IRC) Service allows guests to manage lighting, drapes and on-screen content from a single, user-friendly interface.



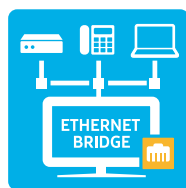
DELIGHT GUESTS AT A REDUCED COST

Samsung's LYNK HMS technology empowers hotel operators to deliver a pleasant and memorable guest experience in a more efficient, cost-friendly manner. The platform's Energy Management Solution (EMS) adjusts in-room heat and air settings based on guest occupancy and avoids wasting energy on empty rooms. LYNK HMS's Content Management Solution (CMS) streamlines content creation and delivery throughout the hotel, driving more impactful and hassle-free delivery of important messages.



LYNK DRM

Safe, cost-efficient alternative to hardware-based content protection systems



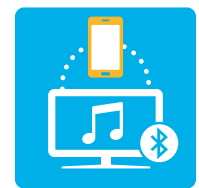
ETHERNET BRIDGE

Expansive connectivity transforms the displays into a work or play station



PLUG AND PLAY

Easily set up and synchronize multiple displays and servers



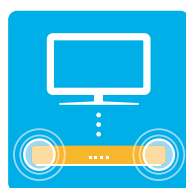
BLUETOOTH MUSIC PLAYER

Stream music from personal devices directly through the display's speakers



SECURITY MODE

Prevent unauthorized external sources such as HDMI, USB and TTX



SOUND BAR COMPATIBILITY

Connect the displays with powerful audio



SI COMPATIBILITY

Save time and effort when connecting with system integrators' set-top boxes

SPECIFICATIONS

MODEL		32NF693 HG32NF693GF	40NF693 HG40NF693GF	43NF693 HG43NF693GF	49NF693 HG49NF693GF
Display	Backlight	LED	LED	LED	LED
	Inch (Real Inch)	32	40	43	49
	Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Video	Picture Engine	HyperReal	HyperReal	HyperReal	HyperReal
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast
	Micro Dimming	N/A	N/A	N/A	N/A
	Active Crystal Color	N/A	N/A	N/A	N/A
	Wide Color Enhancer (Plus)	Yes	Yes	Yes	Yes
	Auto Motion Plus	N/A	N/A	N/A	N/A
	Film Mode	Yes	Yes	Yes	Yes
Audio	Dolby Digital Plus	Yes	Yes	Yes	Yes
	DTS Codec	N/A	N/A	N/A	N/A
	Sound Output (RMS)	10W(L:5W, R:5W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)
	Speaker Type	2CH(Down Firing + Bass Reflex)	2CH(Down Firing + Bass Reflex)	2CH(Down Firing + Bass Reflex)	2CH(Down Firing + Bass Reflex)
	Bluetooth Audio	Yes	Yes	Yes	Yes
Smart Service	Smart TV Type	Smart	Smart	Smart	Smart
	Web Browser	Yes	Yes	Yes	Yes
	Smart View	Yes	Yes	Yes	Yes
Smart Feature	TV to Mobile - Mirroring	N/A	N/A	N/A	N/A
	Mobile to TV - Mirroring, DLNA	Yes	Yes	Yes	Yes
Differentiation	Sports Mode	N/A	N/A	N/A	N/A
	All Care Protection	N/A	N/A	N/A	N/A
Feature	Processor	Quad-Core	Quad-Core	Quad-Core	Quad-Core
	Accessibility	Voice Guide(US English)/ Enlarge/ High Contrast/ Multi-output Audio	Voice Guide(US English)/ Enlarge/ High Contrast/ Multi-output Audio	Voice Guide(US English)/ Enlarge/ High Contrast/ Multi-output Audio	Voice Guide(US English)/ Enlarge/ High Contrast/ Multi-output Audio
	Digital Clean View	Yes	Yes	Yes	Yes
	Auto Channel Search	Yes	Yes	Yes	Yes
	Auto Power Off	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	ENG. EST. FIN. FRA. DEU. GRE. HUN. ITA. LAT. LTU. NOR. POL. POR. ROM. SER. SLK. SPA. SWE. BUL. CRO. CZE. DAN. DUT. SLV. ALB. MKD. BOS. KOR	ENG. EST. FIN. FRA. DEU. GRE. HUN. ITA. LAT. LTU. NOR. POL. POR. ROM. SER. SLK. SPA. SWE. BUL. CRO. CZE. DAN. DUT. SLV. ALB. MKD. BOS. KOR	ENG. EST. FIN. FRA. DEU. GRE. HUN. ITA. LAT. LTU. NOR. POL. POR. ROM. SER. SLK. SPA. SWE. BUL. CRO. CZE. DAN. DUT. SLV. ALB. MKD. BOS. KOR	ENG. EST. FIN. FRA. DEU. GRE. HUN. ITA. LAT. LTU. NOR. POL. POR. ROM. SER. SLK. SPA. SWE. BUL. CRO. CZE. DAN. DUT. SLV. ALB. MKD. BOS. KOR
	Picture-In-Picture	N/A	N/A	N/A	N/A
	BT HID Support	Yes	Yes	Yes	Yes
	USB HID Support	Yes	Yes	Yes	Yes
	Teletext (TTX)	N/A	N/A	N/A	N/A
System	Digital Broadcasting	ATSC/ClearQAM	ATSC/ClearQAM	ATSC/ClearQAM	ATSC/ClearQAM
	Analog Tuner	Yes	Yes	Yes	Yes
	CI (Common Interface)	N/A	N/A	N/A	N/A
	Data Broadcasting	N/A	N/A	N/A	N/A

MODEL		32NF693 HG32NF693GF	40NF693 HG40NF693GF	43NF693 HG43NF693GF	49NF693 HG49NF693GF
Hospitality Feature	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
	Hospitality Home Menu	Home Menu 2017	Home Menu 2017	Home Menu 2017	Home Menu 2017
Hospitality Feature	Bluetooth Music Player (Mobile → TV)	Yes	Yes	Yes	Yes
	Hospitality Plug&Play (Easy Set-up)	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	N/A	N/A	N/A	N/A
	Energy Saving Mode(BLU control)	Yes	Yes	Yes	Yes
	Logo Display with Time 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	N/A	N/A	N/A	N/A
	Multi Code Remote control	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)	N/A	N/A	N/A	N/A
	USB Cloning	Yes	Yes	Yes	Yes
	Smooovie Compatibility	Yes	Yes	Yes	Yes
	Soft AP	Yes	Yes	Yes	Yes
	On/Off Timer (Schedule)	Yes	Yes	Yes	Yes
	Alarm	Yes	Yes	Yes	Yes
	Samsung LYNK™ DRM RF	Yes	Yes	Yes	Yes
	Samsung LYNK™ DRM IP	Yes	Yes	Yes	Yes
	Pro:Idiom RF	Yes	Yes	Yes	Yes
	Pro:Idiom IP	Yes	Yes	Yes	Yes
	bLAN	N/A	N/A	N/A	N/A
	Security Mode	Yes	Yes	Yes	Yes
S/W EPG (Solution EPG)	Yes	Yes	Yes	Yes	
UL Certification	Yes	Yes	Yes	Yes	
Input & Output	HDMI (Side/Rear)	3/0	3/0	3/0	3/0
	USB (Side/Rear)	1/0	1/0	1/0	1/0
	Component In (Y/Pb/Pr) (Side/Rear)	0/1	0/1	0/1	0/1
	Composite In (AV) (Side/Rear)	0/1	0/1	0/1	0/1
	Ethernet (LAN) (Side/Rear)	1/0	1/0	1/0	1/0
	Headphone (Side/Rear)	N/A	N/A	N/A	N/A
	Audio Out (Mini Jack / LR) (Side/Rear)	1/0	1/0	1/0	1/0
	Digital Audio Out (Optical) (Side/Rear)	0/1	0/1	0/1	0/1

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MODEL		32NF693 HG32NF693GF	40NF693 HG40NF693GF	43NF693 HG43NF693GF	49NF693 HG49NF693GF
Input & Output	RF In (Terrestrial/Cable input/Satellite Input) (Side/Rear)	1/0	1/0	1/0	1/0
	Ex-Link (RS-232C) (Side/Rear)	1/0	1/0	1/0	1/0
	CI Slot (Side/Rear)	N/A	N/A	N/A	N/A
	Scart (Side/Rear)	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 (Side/Rear)	0/1	0/1	0/1	0/1
	Variable Audio Out (Side/Rear)	N/A	N/A	N/A	N/A
	Variable Audio Out Volume Control (Side/Rear)	N/A	N/A	N/A	N/A
	Video Out (Side/Rear)	N/A	N/A	N/A	N/A
	RJ12 (Side/Rear)	0/1	0/1	0/1	0/1
	RJP (Remote Jackpack) (Side/Rear)	1/0	1/0	1/0	1/0
	Headphone ID (Side/Rear)	N/A	N/A	N/A	N/A
	Door-Eye Control (Side/Rear)	N/A	N/A	N/A	N/A
	Door-Eye Video In (Side/Rear)	N/A	N/A	N/A	N/A
	PC In (D-sub)(Side./Rear)	N/A	N/A	N/A	N/A
	PC/DVI Audio In (Mini Jack)(Side./Rear)	N/A	N/A	N/A	N/A
Ethernet-Out (LAN-Out) (Side/Rear)	N/A	N/A	N/A	N/A	
Design	Front Color	Black	Black	Black	Black
	Stand Type	N/A	N/A	N/A	N/A
	Swivel (Left/Right)	N/A	N/A	N/A	N/A
Dimension (WxHxD)	Set Size without Stand (WxHxD)(mm)	741.0 x 436.2 x 69.0	922.7 x 531.0 x 72.6	985.5 x 574.8 x 73.4	1118.8 x 650 x 74.2
	Set Size with Stand (WxHxD)(mm)	741.0 x 436.2 x 69.0	922.7 x 531.0 x 72.6	985.5 x 574.8 x 73.4	1118.8 x 650 x 74.2
	Package Size (WxHxD)(mm)	928 x 528 x 147	1111 x 643 x 161	1180 x 674 x 161	1336 x 757 x 171
Weight	Set Weight without Stand (kg)	4.2	6.8	7.8	9.9
	Set Weight with Stand (kg)	4.2	6.8	7.8	9.9
	Package Weight (kg)	6.7	10.4	11.7	14.7
Accessory	Remote Controller Model	N/A	N/A	N/A	N/A
	Battery (for Remote Control)	N/A	N/A	N/A	N/A
	Samsung Smart Control (Included)	N/A	N/A	N/A	N/A
	Mini Wall Mount Support	N/A	N/A	N/A	N/A
	Vesa Wall Mount Support	Yes	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes	Yes
	Data Cable	N/A	N/A	N/A	N/A
	Stand Mount Kit	N/A	N/A	N/A	N/A
	Stand Security Screws	N/A	N/A	N/A	N/A
Angle Adaptor (for Side RF tuner)	N/A	N/A	N/A	N/A	
VESA Standard	VESA Size	100x100	200x200	200x200	200x200
	Wall Mount Screw Size	M4	M8	M8	M8

PRODUCT IMAGE



NOTE.

ABOUT SAMSUNG ELECTRONICS CO., LTD.

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, cameras, digital appliances, medical equipment, network systems, and semiconductor and LED solutions. For the latest news, please visit Samsung Newsroom at <http://news.samsung.com>

HOSPITALITY DISPLAYS

For more information about Samsung Hospitality Displays, visit www.samsung.com/business or www.samsung.com/displaysolutions

Screen images simulated.

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2017-08



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