SAMSUNG HOSPITALITY DISPLAYS

HF690 SERIES (EU_CIS)

Drive More Powerful and Convenient Guest Engagement with Samsung's HF690 Displays

In today's fast-paced hospitality environments, convenience is key – both for guests seeking immediate access to everything needed for an exceptional stay and for hotel staff seeking more efficient ways to deliver it. Through thorough compatibility and an intuitive design, Samsung's new HF690 displays make it easier for these facilities to delight guests. Backed by the powerful Tizen OS, the HF690 series offers both compelling content and fast access to essential services through customizable, easy-to-navigate menus. Additionally, the displays' reinforced security not only ensures guest privacy, but also allows managers to develop, test and launch web applications for even broader functionality.

HIGHLIGHTS

- Build and launch compatible web applications within the powerful Tizen OS
- Maintain impactful, secure content performance via the integrated H.Browser
- Simplify operations for guests and staff through a tailored home menu
- Develop and share personalized content through the centralized LYNK REACH 4.0 server
- Manage multi-display networks more efficiently via LYNK HMS Server connectivity

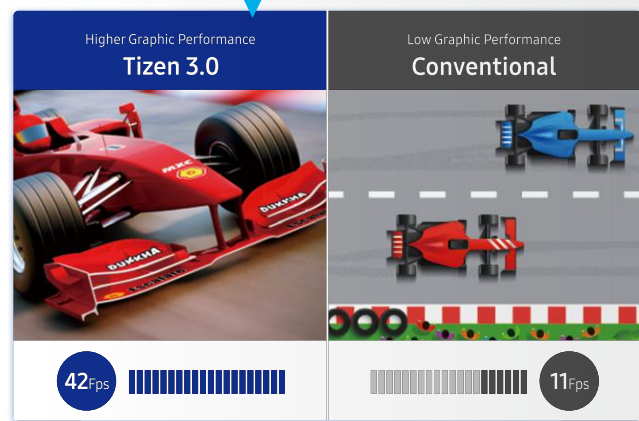**SAMSUNG**

Samsung Hospitality Displays secured by Knox

Application   Platform   System

Higher Graphic Performance
Tizen 3.0

Low Graphic Performance
Conventional

42 Fps   11 Fps

POWERFUL GRAPHIC PERFORMANCE WITH ENHANCED SECURITY

Backed by the powerful TIZEN operating system, Samsung's hospitality displays ensure secure, seamless delivery of vital hospitality content. The TIZEN OS arms each display with a rigid, three-layer protective structure that provides added defense across the application, platform and system layers. This reinforced security also enables TIZEN's integrated H.Browser technology to successfully render 2D and 3D content and achieve faster upload and response times.

Web App SDK

• HTML5 and Standards Based
• TV Extended Web API
• Light Weight Web Simulator
• Ectensive Tool suite

SDK

Utility Tools & Support

• Live Debugging
• Real TV Connection
• Debugging & Profiling
• Tizen Community

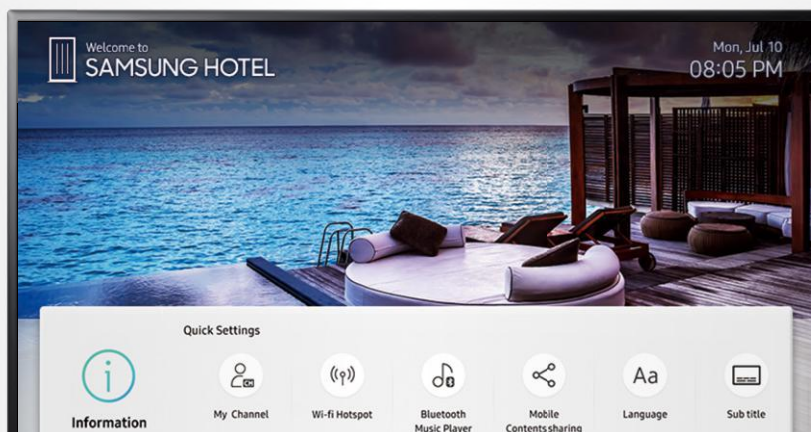## SIMPLE, COMPATIBLE WEB APP DEVELOPMENT

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

Welcome to
SAMSUNG HOTEL

Mon, Jul 10
08:05 PM

Quick Settings

Information   My Channel   Wi-fi Hotspot   Bluetooth Music Player   Mobile Contents sharing   Language   Sub title

SmoothText 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.
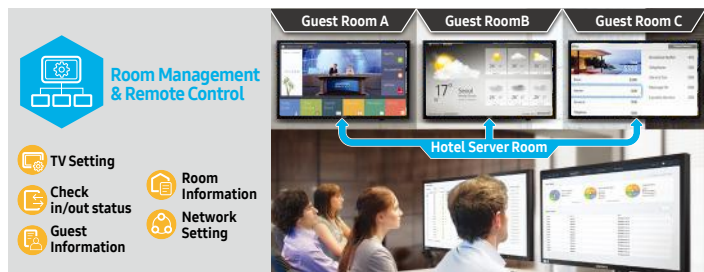
CENTRALIZED, REAL-TIME MANAGEMENT

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.
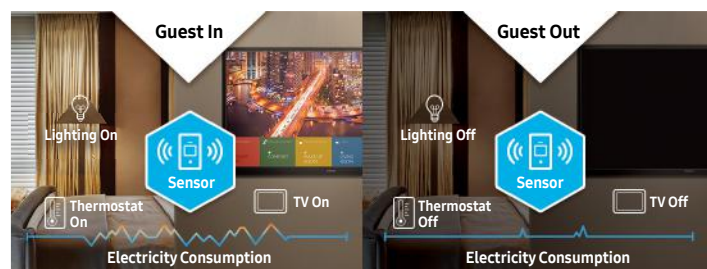

CONVENIENT AND THOROUGH ROOM MANAGEMENT

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.
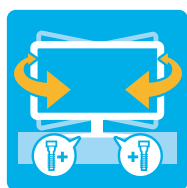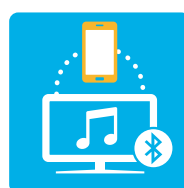

SWIVEL STAND
Customize preferred viewing angle and protect displays with lock-down plates

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
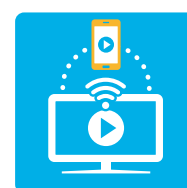
CONTENT SHARING
(MOBILE TO TV MIRRORING, SMART VIEW)
Synchronize with up to four mobile devices for seamless content streaming

SECURITY MODE
Prevent unauthorized external sources such as HDMI, USB and TTX

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

SOUND BAR COMPATIBILITY
Connect the displays with powerful audio

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

SPECIFICATIONS

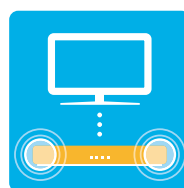| MODEL	32EF690 HG32EF690DB	43EF690 HG43EF690DB	49EF690 HG49EF690DB	55EF690 HG55EF690DB
Display Backlight	LED	LED	LED	LED
Inch (Real Inch)	32	43	49	55
Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Video Picture Engine	HyperReal	HyperReal	HyperReal	HyperReal
Dynamic Contrast Ratio	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast
Micro Dimming	M/D Pro	M/D Pro	M/D Pro	M/D Pro
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)	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)
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(UK English, German, French, Spanish, Italian, Dutch, Polish, Danish, Swedish, Finnish, Norwegian, Portuguese, Russian(only when connecting to Network in EE,LV,LT))/ Enlarge/ High contrast/ Multi-output Audio	Voice guide(UK English, German, French, Spanish, Italian, Dutch, Polish, Danish, Swedish, Finnish, Norwegian, Portuguese, Russian(only when connecting to Network in EE,LV,LT))/ Enlarge/ High contrast/ Multi-output Audio	Voice guide(UK English, German, French, Spanish, Italian, Dutch, Polish, Danish, Swedish, Finnish, Norwegian, Portuguese, Russian(only when connecting to Network in EE,LV,LT))/ Enlarge/ High contrast/ Multi-output Audio	Voice guide(UK English, German, French, Spanish, Italian, Dutch, Polish, Danish, Swedish, Finnish, Norwegian, Portuguese, Russian(only when connecting to Network in EE,LV,LT))/ 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	27 European Languages + Russian(only when connecting to Network in EE,LV,LT)	27 European Languages + Russian(only when connecting to Network in EE,LV,LT)	27 European Languages + Russian(only when connecting to Network in EE,LV,LT)	27 European Languages + Russian(only when connecting to Network in EE,LV,LT)
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)	Yes	Yes	Yes	Yes
System Digital Broadcasting	DVB-T2CS2	DVB-T2CS2	DVB-T2CS2	DVB-T2CS2
Analog Tuner	Yes	Yes	Yes	Yes
CI (Common Interface)	CI+(1.3)	CI+(1.3)	CI+(1.3)	CI+(1.3)
Data Broadcasting	HbbTV 1.5 (CZ,SK,DE,AT,FR,ES,EE)/ HbbTV 1.0(PL,HU,CH,BE,NL,LU,PT,DK,FI)/ MHEG 5(GB,IE)	HbbTV 1.5 (CZ,SK,DE,AT,FR,ES,EE)/ HbbTV 1.0(PL,HU,CH,BE,NL,LU,PT,DK,FI)/ MHEG 5(GB,IE)	HbbTV 1.5 (CZ,SK,DE,AT,FR,ES,EE)/ HbbTV 1.0(PL,HU,CH,BE,NL,LU,PT,DK,FI)/ MHEG 5(GB,IE)	HbbTV 1.5 (CZ,SK,DE,AT,FR,ES,EE)/ HbbTV 1.0(PL,HU,CH,BE,NL,LU,PT,DK,FI)/ MHEG 5(GB,IE)
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

MODEL	32EF690 HG32EF690DB	43EF690 HG43EF690DB	49EF690 HG49EF690DB	55EF690 HG55EF690DB
Hospitality Feature				
Samsung LYNK™ REACH (RF)	REACH 4.0	REACH 4.0	REACH 4.0	REACH 4.0
Hospitality Home Menu	Yes (Home Menu 2017)	Yes (Home Menu 2017)	Yes (Home Menu 2017)	Yes (Home Menu 2017)
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	Yes	Yes	Yes	Yes
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	Yes	Yes	Yes	Yes
Clock Back Up Supply	Yes	Yes	Yes	Yes
External Clock Dimming Control	Yes	Yes	Yes	Yes
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)	Yes	Yes	Yes	Yes
USB Cloning	Yes	Yes	Yes	Yes
Smoovie 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	N/A	N/A	N/A	N/A
Pro:Idiom IP	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
Input & Output				
HDMI (Side/Rear)	2/1	2/1	2/1	2/1
USB (Side/Rear)	2/0	2/0	2/0	2/0
Component In (Y/Pb/Pr) (Side/Rear)	0/1	0/1	0/1	0/1
Composite In (AV) (Side/Rear)	1	1	1	1
Ethernet (LAN) (Side/Rear)	1/0	1/0	1/0	1/0
Headphone (Side/Rear)	0/1	0/1	0/1	0/1
Audio Out (Mini Jack / LR) (Side/Rear)	N/A	N/A	N/A	N/A
Digital Audio Out (Optical) (Side/Rear)	1/0	1/0	1/0	1/0
RF In (Terrestrial/Cable input/Satellite Input) (Side/Rear)	1/0	1/0	1/0	1/0
Ex-Link (RS-232C) (Side/Rear)	N/A	N/A	N/A	N/A
CI Slot (Side/Rear)	0/1	0/1	0/1	0/1

SPECIFICATIONS

MODEL	32EF690 HG32EF690DB	43EF690 HG43EF690DB	49EF690 HG49EF690DB	55EF690 HG55EF690DB
Input & Output				
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)	N/A	N/A	N/A	N/A
Variable Audio Out (Side/Rear)	1/0	1/0	1/0	1/0
Variable Audio Out Volume Control (Side/Rear)	1/0	1/0	1/0	1/0
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)	0/1	0/1	0/1	0/1
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)	0/1	0/1	0/1	0/1
Design				
Front Color	Dark Titan	Dark Titan	Dark Titan	Dark Titan
Stand Type	Square	Square	Square	Square
Swivel (Left/Right)	Yes (90/90)	Yes (90/90)	Yes (90/90)	Yes (90/90)
Dimension (WxHxD)				
Set Size without Stand (WxHxD)(mm)	730.4 x 433.8 x 54.6	972.9 x 570.1 x 54.0	1105.8 x 645.0 x 54.6	1241.6 x 721.4 x 54.5
Set Size with Stand (WxHxD)(mm)	730.4 x 483.8 x 192.6	972.9 x 623.0 x 226.5	1105.8 x 698.0 x 226.5	1241.6 x 774.3 x 226.5
Package Size (WxHxD)(mm)	918.0 x 549.0 x 119.0	1170.0 x 653.0 x 118.0	1300.0 x 746.0 x 130.0	1424.0 x 812.0 x 140.0
Weight				
Set Weight without Stand (kg)	5.7	9.7	13	16.2
Set Weight with Stand (kg)	7.3	12.7	16	19.2
Package Weight (kg)	9.3	14.9	19.6	24.7
Accessory				
Remote Controller Model	TM1240A	TM1240A	TM1240A	TM1240A
Battery (for Remote Control)	Yes	Yes	Yes	Yes
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	Yes	Yes	Yes	Yes
Stand Mount Kit	Yes	Yes	Yes	Yes
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	400x400
Wall Mount Screw Size	M8	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

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www.samsung.com/business or
www.samsung.com/displaysolutions

Samsung Electronics Co., Ltd.
416, Maetan 3-dong, Yeongtong-gu
Suwon-si, Gyeonggi-do 443-772, Korea

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