

Range Brochure

Commercial TV

Viewing with superior style



SAMSUNG

Samsung Commercial TV meets 21st century demands

In the 21st century's mobile technology-driven world, people are more connected than ever before. To keep pace with the latest digital technologies, the hospitality industry is always looking for innovative ways to entice guests to their premises. Many are turning to Samsung for state-of-the-art, in-room, multimedia entertainment solutions to meet and exceed guests' expectations.

As a world leader in cutting-edge display technology, Samsung engineers and builds its Commercial TVs to deliver superb quality and reliability to stand up to the high demands of commercial use. Incorporating sleek design, energy efficiency and intuitive management solutions, Samsung has a Commercial TV to fit virtually every need and budget.

Furthermore, with a worldwide network of leading integration partners, Samsung is well-positioned to help hospitality managers design and install a customised solution to meet each venue's unique requirements. Prepare to engage guests in a digital hospitality experience that seamlessly connects, serves and entertains them.



Mobile device compatibility

Today's tech-savvy travellers demand venues that provide innovative features that appeal to their techy lifestyles. In addition, 60 percent of travellers use mobile apps while on vacation or business trips and seek venues that offer convenient services they can access from their mobile devices.

State-of-the-art in-room entertainment hub

An increasing number of travellers now possess a personal library of entertainment content and like to connect with friends and family while they are away. Therefore, guests expect the venue to be compatible with their personal devices and provide high-speed wireless Internet access while safeguarding their privacy.

Sleek, FHD displays with a myriad of convenient functions

No longer are guests satisfied with cumbersome analogue or plasma TVs in their rooms. Guests now expect high-quality, full-high-definition (FHD) TVs that are on par with what they have at home. Plus, they want the displays to have a sleek, modern design and offer convenient functions at their fingertips.

Reliable, cost-effective display solutions to meet guest demands

To attract guests and increase return business, hospitality providers are tasked with finding cost-effective solutions to meet or exceed guests' expectations. Hospitality managers need a solution that is highly reliable, whilst being easy to implement and manage using their existing infrastructure.



Enhanced viewing experience

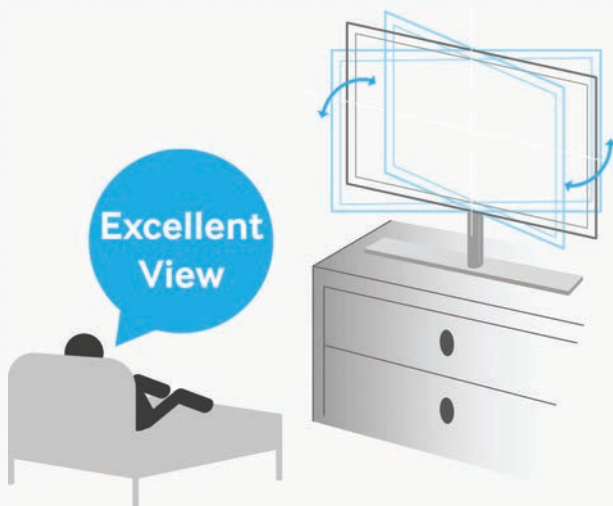
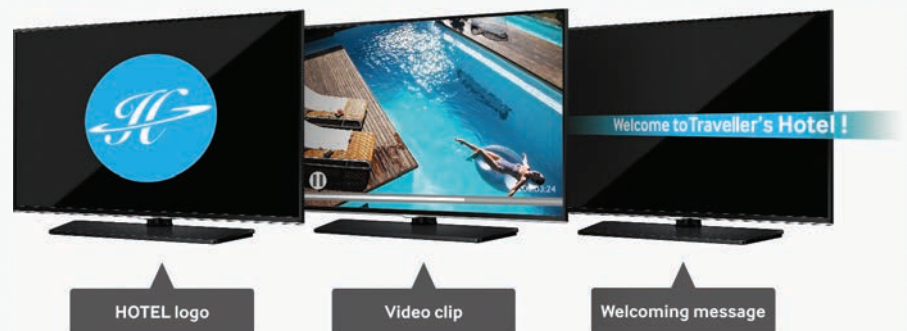
Home menu

Enhance the viewing experience by creating an intuitive, customisable Home Menu screen, even in a no-network environment. This convenient user interface (UI) gives users easy access to frequently used display settings. In addition, an informative live channel display on the Home screen provides users with resources, such as the time, date and venue information.



Logo and welcome message

Venues can enhance their brand by greeting guests when they turn on their hotel room TVs with a customised welcome message, complete with hotel logo and video clip. Displayed along with the welcome message is the time, date, information about the venue's services and a menu of display features.



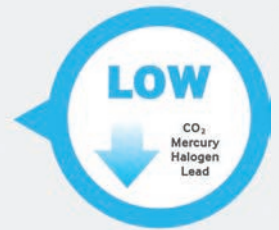
Swivel stand

Samsung Commercial TVs are equipped with a flexible stand that provides a 20°, 60° or 90° swivel support that provides guests with an excellent view of the TV from virtually anywhere in the room. The Security screws lock down the TV to the media rack, which requires a special tool to unscrew, in order to prevent theft or guests from knocking the TV over.

Crisp, vivid picture quality

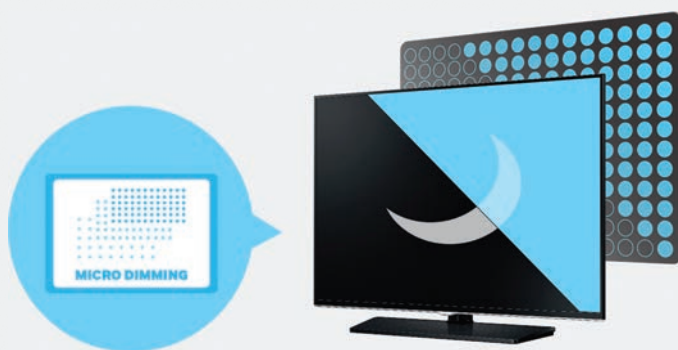
LED backlight technology

Samsung Commercial TVs reduce energy costs and maintenance with power-saving LED backlight technology. These LED TVs emit less carbon dioxide (CO₂) and contain less mercury, halogen and lead compared with conventional cold cathode fluorescent lamp (CCFL) displays. They also consume less power and are more efficient to operate.



Picture clarifier

Designed with innovative picture clarifier technology, Samsung Commercial TVs will delight users with crisp, vivid images. The video picture clarifier automatically optimises the picture quality based on its type and origin, regardless of the content source, to deliver outstanding picture clarity.



Micro-dimming for enhanced appearance

Advanced technology that offers deeper blacks and purer whites, with vivid contrast, superior colour and sharp detail. Picture-perfect clarity that shows every facet of an image, and enhances viewing with outstanding display quality.

A convenient, flexible entertainment solution

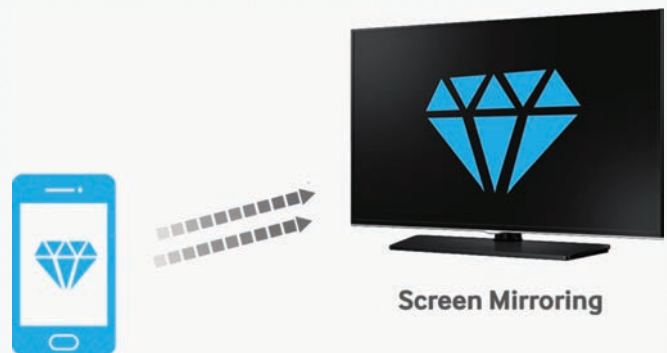
SMARTView*

SMARTView gives users the ability to share live TV channels on their mobile devices using an easy Personal Identification Number (PIN) connection. Users can also transfer mobile device content, such as photos, games, videos and music, to the TV through a dedicated, intuitive UI that is specifically designed for this function.



Screen mirroring*

Users can watch a more expansive view of their mobile device screens by replicating the content from their devices onto the Samsung Commercial TV using the easy, one-step Screen Mirroring feature. Screen Mirroring provides users with a secure and simplified way to view and share personal content.



Content sharing**

Samsung Commercial TVs are equipped with advanced, built-in Wi-Fi, enabling users to share and play personal content, such as movies, photos and music, from mobile devices on their TVs. Plus, they can share and play their personal content safely and securely without the risk of exposing it to others.

*Compatible devices include Samsung GALAXY S6 and later models.
Only Free to - Air TV channels support is provided for Apple® iPhone and iPad® with iOS and later versions.

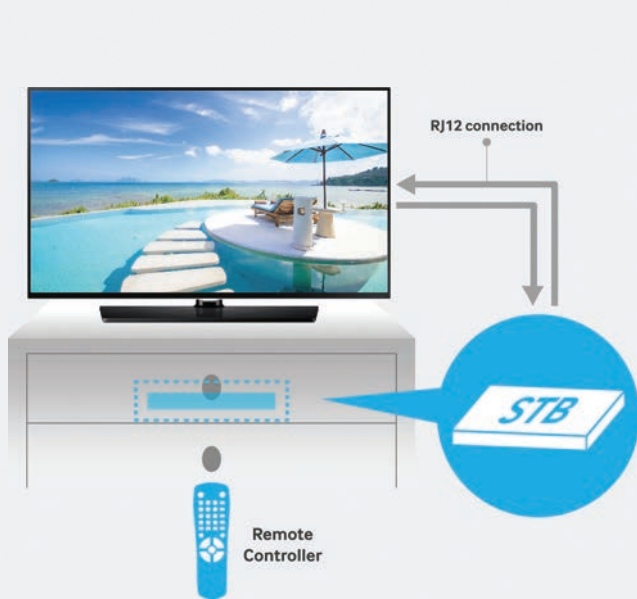
**Available for DLNA compatible devices only.

Solid reliability, security and easy display management



Rigorous testing for solid reliability

Samsung Commercial TVs undergo 164 quality assurance tests and 52 safety tests before they are approved for use. Rigorous evaluations include, duration, temperature, electromagnetic interference (EMI), after-image, dust exposure, meantime between failures (MTBF) and drop testing.



Remote control compatibility with SI STB

Support for third-party System Integrator (SI) STBs is provided through an RJ12 connection for a streamlined user interface and easier management. A STB remote control input relay, through the TV to the STB input, enables the bulky STB to be hidden from the user's view.

Security mode

The Security Mode blocks input from teletext technology (TTX), USB and High-Definition Multimedia Interface® (HDMI®) connections, eliminating transmission of text and diagrams from these sources over the TV broadcast signal.



LYNK™ SINC



Solution overview

With the popularity of social media, gaming and other Internet applications, hospitality venues must take advantage of this trend to attract and delight users. Using the Samsung LYNK SINC 3.0 embedded solution, venues can efficiently and cost-effectively cater to users' individual viewing tastes and needs. This can all be accomplished through an IP-based infrastructure without additional STBs or maintenance costs.





Tailor content for each group

Users can tailor room content to a particular group or event. For example, a block of rooms used for a convention can be set up to receive event-related information. Specific content can also be delivered to some rooms, such as child-appropriate content for rooms with families. Plus, TV channel lists can be created and managed by genre and guest type.



Delight guests with interactive entertainment using SMART HUB

Samsung SMART HUB provides a gateway to a variety of web-based apps, delighting users with the same interactive entertainment that they experience on their personal devices, such as social networking sites (SNS), through the venue's IP network. SMART HUB also enables use of Internet apps in the same way they would be used on other devices.

CASE STUDY



Customer need

This upscale hotel initially decided to purchase mid-range, consumer-grade TVs with STBs, but was unsatisfied with their decision. Plus, the TVs did not meet the hotel's premier image. The hotel decided to switch to hospitality TVs but had highly demanding requirements. They partnered with a local software developer to meet their demands.

Samsung solution

The hotel chose the HC890 Series of Samsung Commercial TV and had 225 60-inch and 272 55-inch displays installed throughout their facility. Each display came equipped with the Samsung LYNK SINC 3.0 software solution.

Results

By moving the customer from ordinary, consumer-grade TVs to premium Samsung Commercial TV, the hotel was able to successfully promote its amenities and services. Plus, the TV's award-winning design, with full metal frame and ultra-thin bezels, gave the hotel rooms an elevated level of sophistication that aligned superbly with the hotel's premier image.

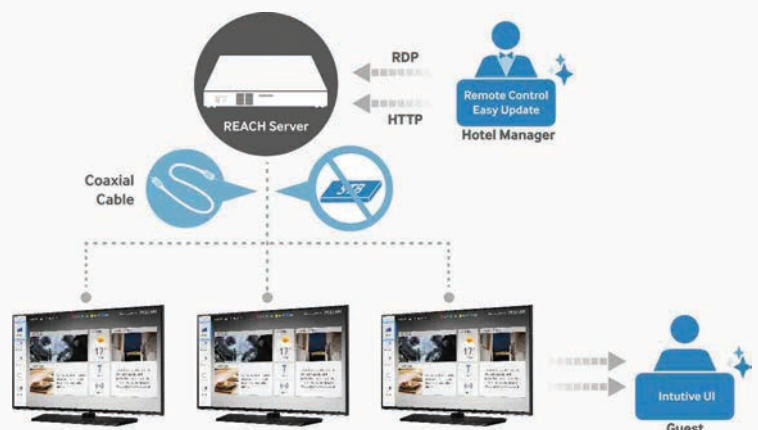
Without the need for STBs and cumbersome cables, the hotel was able to provide a virtually clutter-free guest room environment. By partnering with a local developer, the hotel's demanding requirements were satisfied and the LYNK SINC 3.0 solution simplified display management for the hotel's IT personnel.

LYNK™ REACH



Solution overview

Today's guests demand an ever-widening variety of in-room entertainment, which venues must provide at the lowest possible cost. Samsung LYNK REACH 3.1 is specialised software designed for hospitality environments that provides a simplified UI and editing tool. The solution organises and displays content, such as venue information, images and logos, using existing infrastructure.





Save resources by using existing infrastructure

Venues can leverage existing coaxial infrastructure to streamline content and TV management. Updating firmware, adjusting guest room displays, and controlling and managing content can all be performed by remotely transmitting a radio frequency (RF) signal through the LYNK REACH 3.1 server's communication with the venue's Property Management System (PMS) and the Internet.

Give guests easy access to real-time information

LYNK REACH 3.1 provides guests with quick, convenient access to relevant information, including venue services, real-time weather reports, flight information and more. Multiple languages are also supported on in-room TVs. Plus, local event and tourist information can be displayed for fast and easy guest access.

CASE STUDY

Customer need

A well-known, budget hotel chain wanted to provide guests with the same quality in-room entertainment and amenities as higher-priced hotels, but needed to contain costs. It was also wasting a large amount of man-hours deploying personnel throughout the site to implement firmware and content updates on room displays one at a time.

Samsung solution

The hotel chain chose the Samsung LYNK REACH 3.0 solution to fill their budget-conscious needs. Using the hotel's existing coaxial cable infrastructure, each hotel was able to perform upgrades and edit content on hundreds of guest room TVs from one central location using the solution's easy-to-use interface.

Results

With the LYNK REACH 3.0 solution, hotel guests can enjoy high-quality, in-room entertainment, as well as receive valuable hotel information directly on the TVs through an intuitive UI. The solution's customised UI enables the hotel's property managers to easily create their own menus without retaining an installer or SI.

Plus, several hundred displays can now be managed from a central location, freeing staff to focus on customer services instead of managing in-room displays. Since the hotels were able to use their existing infrastructure, they were able to save on costly system upgrades. The LYNK REACH 3.0 solution lowered the hotel chain's total cost of ownership (TCO) by eliminating the need for extra equipment and staff.

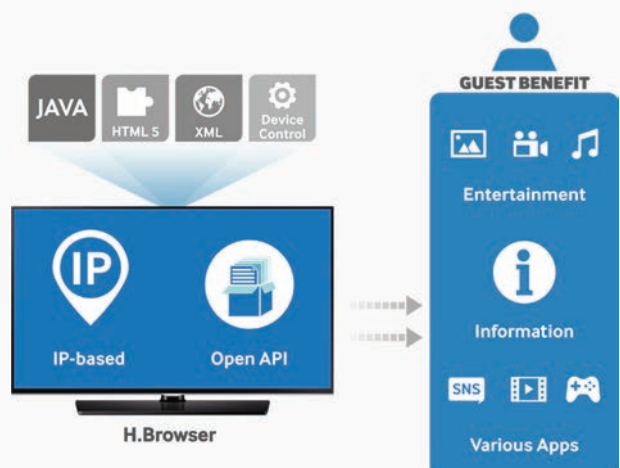


H.Browser



Solution overview

Samsung H.Browser is an IP-based specialised partner solution for SIs, which includes an intuitive UI and powerful features. H.Browser provides a true Smart TV experience for venue guests with both free and video-on-demand (VoD) content, which is accessible through an interactive programme guide. This streamlined solution eliminates the need for STBs, because the TVs interface directly with the head end, whether located on or off the venue's premises.





Increase profits and connectivity

H.Browser comes with various customisable templates that help to promote not only the venue but all the amenities to boost revenue. Also, H.Browser connects with mobile devices for shared, multi-device entertainment as well as to the PMS so guests can conveniently order from their rooms.

Deliver rich, local content

Built into Samsung Commercial TV, the H.Browser enables hospitality managers to provide guests with region-specific, rich customised content. Guests can enjoy a wide variety of tailored programming and premium in-room entertainment, that has the flavour of the location they are visiting to ensure they get the most fulfilling and memorable experience possible.



CASE STUDY



Customer need

When three premier hotels joined together under one roof, this unique property needed an in-room guest entertainment system that met the high quality and aesthetic demands of these three world-class hotel brands, while helping to reduce overall costs.

Samsung solution

The hotels opted for Samsung 590 Series Commercial TV featuring the H.Browser IP-based solution. By unlocking the embedded processing power of the Samsung TVs, the platform provides faster channel changing and greater responsiveness. The solution was developed in partnership with a leading hospitality technology provider, which gave the hotels a streamlined, robust and full-featured system, all delivered over IP.

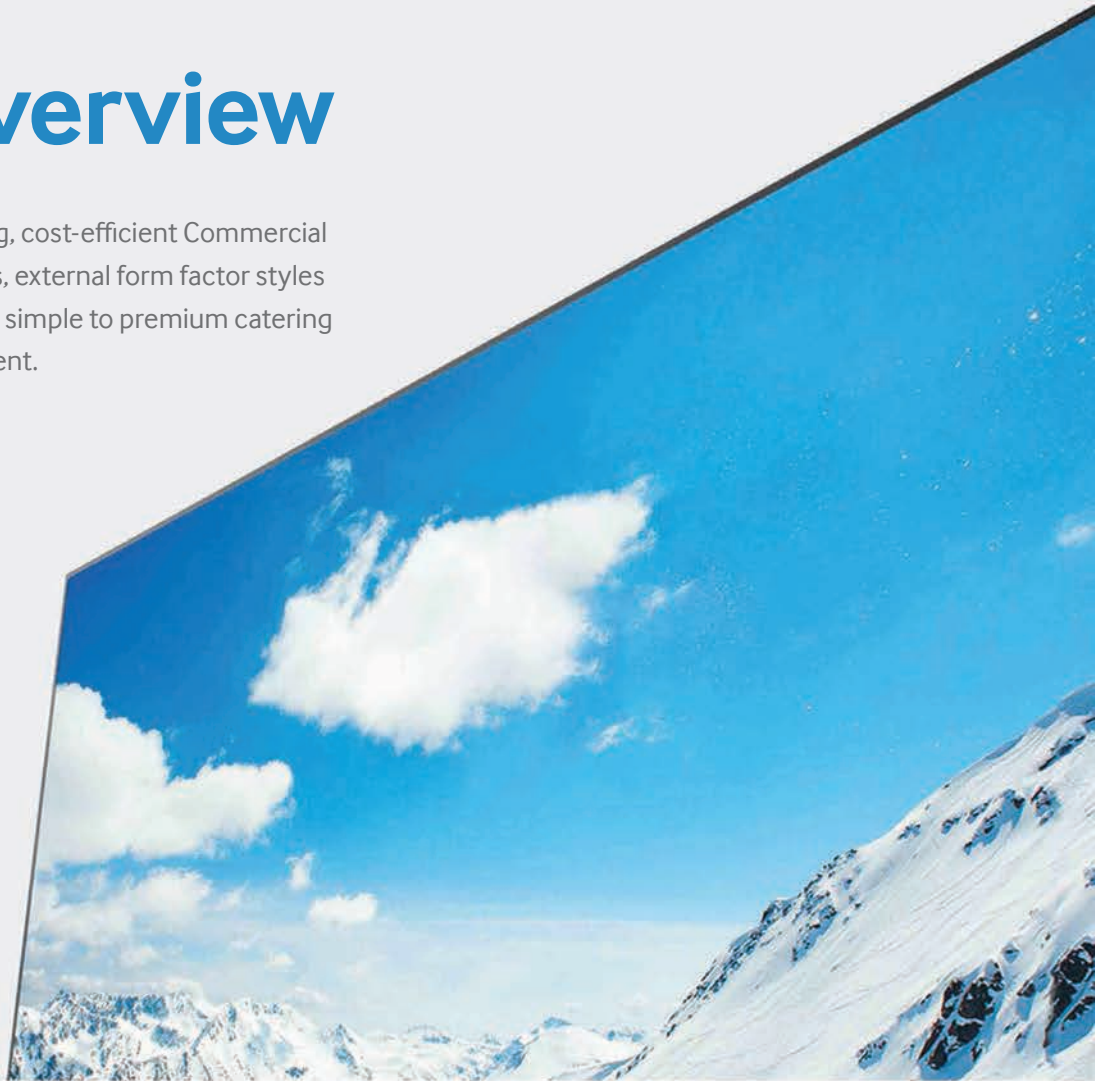
Results

The Samsung Commercial TV provided immediate savings by eliminating the need for STBs, and the displays' LED-lit technology has the added benefit of significant power-savings. When the TVs are turned on, the guests are greeted by the brand logo and customised UI of the hotel they are staying at, and the TV's sleek design conveys the upscale ambience that perfectly reflects the hotels' image.

Using this IP-based system, the hotels have not experienced a technology issue after Samsung Commercial TV installation. The system also provides future-proofing, enabling new TV features to be added to accommodate guests' changing needs. Overall, the benefits gained were so apparent that the three hotel brands unanimously agreed to standardise them throughout their properties.

Range overview

Samsung offers high-performing, cost-efficient Commercial TVs in a selection of screen sizes, external form factor styles and dimensions that range from simple to premium catering for every commercial environment.



Luxury

		
HD890U	HD890W	HD690U
Sophisticated, UHD display with sleek metallic finishes ideal for luxury venues	Sophisticated Curved displays with sleek metallic finishes ideal for luxury venues	Sophisticated, UHD display design and robust functionality for an upgraded guest experience
RF & IP	RF & IP	RF & IP
Hospitality Home Menu	Hospitality Home Menu	Hospitality Home Menu
Hospitality Solution (LYNK REACH/SINC/DRM)	Hospitality Solution (LYNK REACH/SINC/DRM)	Hospitality Solution (LYNK REACH/SINC/DRM)
Content Share (Allshare, Screen Mirroring, SMARTView)	Content Share (Allshare, Screen Mirroring, SMARTView)	Content Share (Allshare, Screen Mirroring, SMARTView)
H.Browser (HTML5)	H.Browser (HTML5)	H.Browser (HTML5)
RJ 12 / IR Pass Through	RJ 12 / IR Pass Through	RJ 12 / IR Pass Through
Logo Display with Time Out Setting (BMP/Movie)	Logo Display with Time Out Setting (BMP/Movie)	Logo Display with Time Out Setting (BMP/Movie)
Welcome Message	Welcome Message	Welcome Message
		Swivel Stand (90/90)
Bluetooth music player	Bluetooth music player	Bluetooth music player
40", 48", 55" 65"	48", 55", 65"	48", 55"

Premium



HD790	HD690	HD670	HD673
A sophisticated, distinctive commercial display for premier environments	Sophisticated design and robust functionality provide an upgraded guest experience	Attractive, high-performance displays with a sleek design	High-quality patient room displays specifically designed for hospital use
RF	RF & IP	RF	RF
Hospitality Home Menu	Hospitality Home Menu	Hospitality Home Menu	Hospitality Home Menu
Hospitality Solution (LYNK REACH/SINC/DRM)	Hospitality Solution (LYNK REACH/SINC/DRM)	Hospitality Solution (LYNK REACH/DRM)	Hospitality Solution (LYNK REACH/DRM)
Content Share (Allshare, Screen Mirroring, SMARTView)	Content Share (Allshare, Screen Mirroring, SMARTView)		
	H.Browser (HTML5)		
RJ 12 / IR Pass Through	RJ 12 / IR Pass Through	RJ 12 / IR Pass Through	RJ 12 / IR Pass Through
Logo Display with Time Out Setting (BMP/Movie)	Logo Display with Time Out Setting (BMP/Movie)	Logo Display with Time Out Setting (BMP/Movie)	Logo Display with Time Out Setting (BMP/Movie)
Welcome Message	Welcome Message	Welcome Message	Welcome Message
Swivel Stand (20/20)	Swivel Stand (90/90) * except for 28"	Swivel Stand (90/90)	Swivel Stand (90/90)
Security Mode	Security Mode	Security Mode	Security Mode
			PureCare Remote (White Seamless Remote)
40"	24", 28", 32", 40", 48", 55"	32", 40", 48", 55"	40"

Advanced



HD590	HD470
A multi-entertainment experience with an advanced display	Stylish hospitality displays create an enjoyable media experience
RF & IP	RF
Hospitality Home Menu	Hospitality Home Menu
Hospitality Solution (LYNK REACH/SINC)	Hospitality Solution (LYNK REACH/DRM)
Content Share (Allshare, Screen Mirroring, SMARTView)	
H.Browser (HTML5)	
RJ 12 / IR Pass Through	RJ 12 / IR Pass Through
Logo Display with Time Out Setting (BMP/Movie)	Logo Display with Time Out Setting (BMP/Movie)
Welcome Message	Welcome Message
Swivel Stand (20/60/90)	
Security Mode	Security Mode
32", 40"	24", 28", 32", 40"



Technical Specifications

Advanced



		HD470				HD590	
MODEL		24HD470 HG24ED470AK	28HD470 HG28ED470AK	32HD470 HG32ED470GK	40HD470 HG40ED470BK	32HD590 HG32ED590HB	40HD590 HG40ED590BB
Screen Size (Inch)		24	28	32	40	32	40
Display							
Resolution		1366 x 768	1366 x 768	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080
HD/FHD/UHD		HD	HD	HD	FHD	FHD	FHD
Video							
Picture Engine		HyperReal	HyperReal	HyperReal	HyperReal	HyperReal	HyperReal
Micro Dimming		N/A	N/A	N/A	N/A	N/A	N/A
Wide Colour Enhancer (Plus)		Yes	Yes	Yes	Yes	Yes	Yes
Audio							
Dolby Digital Plus		Yes	Yes	Yes	Yes	Yes	Yes
Virtual Surround		DTS Studio Sound	DTS Studio Sound	DTS Studio Sound	DTS Studio Sound	DTS Studio Sound	DTS Studio Sound
Sound Output (RMS)		10W(L:5W, R:5W)	10W(L:5W, R:5W)	10W(L:5W, R:5W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)
FEATURES	Smart						
	Samsung Smart View	N/A	N/A	N/A	N/A	Yes	Yes
	Smart Hub	N/A	N/A	N/A	N/A	Yes	Yes
	Mobile to TV - Mirroring, DLNA	N/A	N/A	N/A	N/A	Yes	Yes
	Apps	N/A	N/A	N/A	N/A	Yes	Yes
	Web Browser	N/A	N/A	N/A	N/A	Yes	Yes
	Hospitality Feature						
	Samsung LYNK™ SINC Compatibility	No	No	No	No	Yes	Yes
	Samsung LYNK™ REACH Server Compatibility	Yes	Yes	Yes	Yes	Yes	Yes
	H.Browser Compatibility	No	No	No	No	Yes	Yes
	Bluetooth Music Player (Mobile □ TV)	No	No	No	No	No	No
	Sports Mode	Yes	Yes	Yes	Yes	Basic	Basic
	Game Mode	Yes	Yes	Yes	Yes	Yes	Yes
	Hospitality Home Menu	Yes	Yes	Yes	Yes	Yes	Yes
	Welcome Message	Yes	Yes	Yes	Yes	Yes	Yes
	USB Cloning	Yes	Yes	Yes	Yes	Yes	Yes
	Samsung LYNK™ DRM	Yes	Yes	Yes	Yes	Yes	Yes
	bLAN	No	No	No	No	No	No
	Connectivity						
	ConnectShare™ (HDD)	N/A	N/A	N/A	N/A	Yes	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes	Yes	Yes	Yes
	Others						
	IR Out	No	No	No	No	No	No
	USB Auto Play Back	Yes	Yes	Yes	Yes	Yes	Yes
	External Clock Ready	No	No	No	No	No	No
	Audio Out (Mini Jack / LR) (Side/Rear)	No	No	No	No	No	No
	RJ12 / IR Pass Through	Yes	Yes	Yes	Yes	Yes	Yes
	Swivel (Left/Right)	N/A	N/A	N/A	N/A	N/A	N/A
Set (Side /Rear)							
HDMI (Side/Rear)		0/1	1/0	0/1	0/1	0/2	0/2
USB (Side/Rear)		1/0	1/0	0/1	1/0	0/1	1/0
CI Slot (Side/Rear)		1/0	1/0	1/0	1/0	1/0	1/0
Component In (Y/Pb/Pr) (Side/Rear)		No	No	No	No	No	No
Digital Audio Out (Optical) (Side/Rear)		No	No	No	No	No	No
RJP (Remote Jackpack)		0/1	0/1	0/1	0/1	0/1	0/1
Headphone (Side/Rear)		0/1	0/1	0/1	0/1	0/1	0/1
Power							
Power Supply (V)		AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
Dimensions							
Set with Stand (WxHxD) (mm)		561.1 x 376.1 x 123.3	643.4 x 435.0 x 163.4	738.4 x 497.7 x 191.7	905.2 x 562.3 x 196.4	738.3 x 498.2 x 191.7	905.2 x 562.3 x 196.4
Set w/o Stand - Wall Mount Side (WxHxD) (mm)		561.1 x 345.8 x 52.3	643.4 x 396.5 x 62.9	738.4 x 444.0 x 93.2	905.2 x 525.4 x 58.4	738.3 x 444.9 x 93.2	905.2 x 525.4 x 58.4
Set w/o Stand - Speaker Side (WxHxD) (mm)		561.1 x 345.8 x 52.3	643.4 x 396.5 x 62.9	738.4x444.0 x 93.2	905.2 x 525.4 x 91.1	738.3 x 444.9 x 93.2	905.2 x 525.4 x 91.1
Accessories							
Stand Mount Kit		No	No	No	No	No	No
Vesa Wall Mount Support		Yes	Yes	Yes	Yes	Yes	Yes

Luxury



HD690U		HD890U				HD890W		
48HD690U	55HD690U	40HD890U	48HD890U	55HD890U	65HD890U	48HD890W	55HD890W	65HD890W
HG40ED690UB	HG48ED690UB	HG40ED890UB	HG48ED890UB	HG55ED890UB	HG65ED890UB	HG48ED890WB	HG55ED890WB	HG65ED890WB
48	55	40	48	55	65	48	55	65
Display								
3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD	UHD
Video								
UHD Up-Scaling	UHD Up-Scaling	UHD Up-Scaling	UHD Up-Scaling	UHD Up-Scaling	UHD Up-Scaling	UHD Up-Scaling	UHD Up-Scaling	UHD Up-Scaling
UHD Dimming	UHD Dimming	UHD Dimming	UHD Dimming	UHD Dimming	UHD Dimming	UHD Dimming	UHD Dimming	UHD Dimming
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Audio								
MS11	MS11	MS11	MS11	MS11	MS11	MS11	MS11	MS11
DTS Studio Sound	DTS Studio Sound	DTS Studio Sound	DTS Studio Sound	DTS Studio Sound	DTS Studio Sound	DTS Studio Sound	DTS Studio Sound	DTS Studio Sound
20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)	10W(L:5W, R:5W)	40W	40W	40W
Smart								
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Smart	Smart	Smart	Smart	Smart	Smart	Smart	Smart	Smart
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hospitality Feature								
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic	Basic
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
No	No	No	No	No	No	No	No	No
Connectivity								
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Others								
No	No	No	No	No	No	No	No	No
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
No	No	No	No	No	No	No	No	No
No	No	No	No	No	No	No	No	No
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Set (Side /Rear)								
2/1	2/1	2/1	2/1	2/1	0/1	2/1	2/1	2/1
2/0	2/0	2/0	2/0	2/0	2/0	2/0	2/0	2/0
0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0
0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
Power								
AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
Dimensions								
1087.1 x 676.8 x 254.6	1242.6 x 763.4 x 267.5	917.7 x 587.7 x 271.7	1087.1 x 683.4 x 277.7	1242.6 x 770.5 x 277.7	1463.4 x 897.0 x 295.1	1081.6 x 683.1 x 308.6	1238.5 x 771.5 x 308.6	1457.1 x 894.2 x 335.2
1087.1 x 630.9 x 50.2	1242.6 x 718.4 x 50.1	917.7 x 535.6 x 55.7	1087.1 x 630.8 x 56.3	1242.6 x 718.3 x 56.3	1463.4 x 844.2 x 57.6	1081.6 x 627.5 x 107.3	1238.5 x 715.3 x 102.6	1457.1 x 842.2 x 121.8
1087.1 x 630.9 x 63.3	1242.6 x 718.4 x 63.2	917.7 x 535.6 x 66.8	1087.1 x 630.8 x 67.4	1242.6 x 718.3 x 67.4	1463.4 x 844.2 x 68.8	1081.6 x 627.5 x 118.7	1238.5 x 715.3 x 113.7	1457.1 x 842.2

Technical Specifications

Premium



HD670					
MODEL	32HD670 HG32ED670AK	40HD670 HG40ED670CK	48HD670 HG48ED670CK	55HD670 HG55ED670EK	40HD673 HG40ED673KK
Screen Size (Inch)	32	40	48	55	40
Display					
Resolution	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
HD/FHD/UHD	HD	FHD	FHD	FHD	FHD
Video					
Picture Engine	HyperReal	HyperReal	HyperReal	HyperReal	HyperReal
Micro Dimming	N/A	N/A	N/A	N/A	N/A
Wide Colour Enhancer (Plus)	Yes	Yes	Yes	Yes	Yes
Audio					
Dolby Digital Plus	Yes	Yes	Yes	Yes	Yes
Virtual Surround	DTS Studio Sound	DTS Studio Sound	DTS Studio Sound	DTS Studio Sound	DTS Studio Sound
Sound Output (RMS)	20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)
FEATURES	Smart				
	Samsung Smart View	N/A	N/A	N/A	N/A
	Smart Hub	N/A	N/A	N/A	N/A
	Mobile to TV - Mirroring, DLNA	N/A	N/A	N/A	N/A
	Apps	N/A	N/A	N/A	N/A
	Web Browser	N/A	N/A	N/A	N/A
	Hospitality Feature				
	Samsung LYNK™ SINC Compatibility	No	No	No	No
	Samsung LYNK™ REACH Server Compatibility	Yes	Yes	Yes	Yes
	H.Browser Compatibility	No	No	No	No
	Bluetooth Music Player (Mobile TV)	No	No	No	No
	Sports Mode	Yes	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes	Yes
	Hospitality Home Menu	Yes	Yes	Yes	Yes
	Welcome Message	Yes	Yes	Yes	Yes
	USB Cloning	Yes	Yes	Yes	Yes
	Samsung LYNK™ DRM	Yes	Yes	Yes	Yes
	bLAN	No	No	No	No
	Connectivity				
	ConnectShare™ (HDD)	N/A	N/A	N/A	N/A
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes	Yes
	Others				
	IR Out	No	No	No	No
	USB Auto Play Back	Yes	Yes	Yes	Yes
	External Clock Ready	Yes	Yes	Yes	No
	Audio Out (Mini Jack / LR) (Side/Rear)	No	No	No	No
	RJ12 / IR Pass Through	Yes	Yes	Yes	Yes
	Swivel (Left/Right)	90/90	90/90	90/90	No
Set (Side /Rear)					
HDMI (Side/Rear)	2/0	2/0	2/0	2/0	2/0
USB (Side/Rear)	1/0	1/0	1/0	1/0	1/0
CI Slot (Side/Rear)	1/0	1/0	1/0	1/0	1/0
Component In (Y/Pb/Pr) (Side/Rear)	No	No	No	No	No
Digital Audio Out (Optical) (Side/Rear)	No	No	No	No	No
RJP (Remote Jackpack)	0/1	0/1	0/1	0/1	0/1
Headphone (Side/Rear)	0/1	0/1	0/1	0/1	0/1
Power					
Power Supply (V)	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
Dimensions					
Set with Stand (WxHxD) (mm)	721.4 x 465.6 x 192.6	906.6 x 577.6 x 226.5	1075.1 x 673.5 x 226.5	1230.6 x 762.8 x 226.5	907.6 x 585.6 x 288.1
Set w/o Stand - Wall Mount Side (WxHxD) (mm)	721.4 x 428.5 x 64.9	906.6 x 532.9 x 65.1	1075.1 x 627.6 x 65.5	1231.6 x 711.9 x 53.5	907.6 x 529.7 x 52.6
Set w/o Stand - Speaker Side (WxHxD) (mm)	721.4 x 428.5 x 64.9	906.6 x 532.9 x 65.1	1075.1 x 627.6 x 65.5	1231.6 x 711.9 x 67.8	907.6 x 529.7 x 66.9
Accessories					
Stand Mount Kit	No	Yes	Yes	Yes	No
Vesa Wall Mount Support	Yes	Yes	Yes	Yes	Yes

**HD690****HD790**

24HD690 HG24ED690AB	28HD690 HG28ED690AB	32HD690 HG32ED690DB	40HD690 HG40ED690DB	48HD690 HG48ED690DB	55HD690 HG55ED690EB	40HD790 HG40ED790QB
24	28	32	40	48	55	40
Display						
1366 x 768	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160
HD	HD	FHD	FHD	FHD	FHD	UHD
Video						
HyperReal	HyperReal	HyperReal	HyperReal	HyperReal	HyperReal	UHD Up-Scaling
N/A	N/A	N/A	N/A	N/A	N/A	UHD Dimming
Yes	Yes	Yes	Yes	Yes	Yes	Yes
Audio						
Yes	Yes	Yes	Yes	Yes	Yes	MS11
DTS Studio Sound	DTS Studio Sound	DTS Studio Sound	DTS Studio Sound	DTS Studio Sound	DTS Studio Sound	DTS Studio Sound
10W(L:5W, R:5W)	10W(L:5W, R:5W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)	20W(L:10W, R:10W)
Smart						
Yes	Yes	Yes	Yes	Yes	Yes	Yes
Smart	Smart	Smart	Smart	Smart	Smart	Smart
Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hospitality Feature						
Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes
No	No	Yes	Yes	Yes	Yes	Yes
Basic	Basic	Basic	Basic	Basic	Basic	Basic
Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes
No	No	No	No	No	No	No
Connectivity						
Yes	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes
Others						
No	No	No	No	No	No	No
Yes	Yes	Yes	Yes	Yes	Yes	Yes
No	No	No	No	No	No	No
No	No	No	No	No	No	No
Yes	Yes	Yes	Yes	Yes	Yes	Yes
No	No	90/90	90/90	90/90	90/90	N/A
Set (Side /Rear)						
0/2	1/2	1/2	1/2	1/2	1/2	2/1
1/0	2/0	2/0	2/0	2/0	2/0	2/0
1/0	0/1	0/1	0/1	0/1	0/1	0/1
No	No	No	No	No	No	0/1
0/1	0/1	0/1	0/1	0/1	0/1	0/1
0/1	0/1	0/1	0/1	0/1	0/1	1/0
0/1	0/1	0/1	0/1	0/1	0/1	0/1
Power						
AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz	AC220-240V 50/60Hz
Dimensions						
561.8 x 384.2 x 163.8	643.4 x 435.0 x 163.4	721.4 x 465.6 x 192.6	906.6 x 577.6 x 226.5	1075.1 x 673.5 x 226.5	1230.6 x 762.8 x 226.5	917.7 x 582.2 x 241.6
561.8 x 349.1 x 47.9	643.4 x 396.5 x 62.9	721.4 x 428.5 x 64.9	906.6 x 532.9 x 65.1	1075.1 x 627.6 x 65.5	1231.6 x 711.9 x 53.5	917.7 x 535.7 x 49.5
561.8 x 349.1 x 65.2	643.4 x 396.5 x 62.9	721.4 x 428.5 x 64.9	906.6 x 532.9 x 65.1	1075.1 x 627.6 x 65.5	1231.6 x 711.9 x 67.8	917.7 x 535.7 x 62.6
Accessories						
No	Yes	Yes	Yes	Yes	Yes	No
Yes	Yes	Yes	Yes	Yes	Yes	Yes



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