590/690 Series Hospitality TVs

43" Class LED	HG43NE590SF	40" Class LED	HG40NE690BF	65" Class LED	HG65NE690EF
22" Class LED	HG22NE690ZF	50" Class LED	HG50NE690BF	75" Class LED	HG75NE690EF
24" Class LED	HG24NE690AF	55" Class LED	HG55NE690BF		
28" Class LED	HG28NE690AF	60" Class LED	HG60NE690EF		
32" Class LED	HG32NE690BF				

LED   Samsung SMART TV

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SMART TV delivers the ultimate in guest entertainment

590/690 Series Hospitality TVs

Technology that delivers a premium at-home, in-room experience

Whether it's a casual vacationer or a seasoned business traveler, today's guests demand a premium at-home, in-room entertainment experience. Samsung, the leader in flat panel technology, delivers yet again with the Samsung 590/690 Series. Each display is a SMART TV, giving guests a whole new level of interactivity. With SMART TV, guests can watch movies and TV shows from streaming services, instantly check Facebook, Twitter and Skype to stay connected, and even push content from their personal devices to the big screen. And the 590/690 Series features direct-lit LED technology, for all the benefits of LED at a lower cost. It's innovation that delivers the complete platform for premium in-room entertainment.

Key features

Premium slim direct-lit LED technology

Direct-lit LED technology provides the brilliance and energy savings advantages of LED technology, along with the uniform brightness typical of CCFL displays. And it does it all with an efficiency that makes it a more affordable technology. In fact, it's possible to upgrade your rooms to LED technology for a cost comparable to CCFL technology.

Samsung LYNK™ REACH 4.0 content management solution

Samsung's LYNK REACH 4.0 fuses the benefits of its SINC and REACH hospitality technologies to offer a comprehensive content management solution. LYNK REACH 4.0 enhances the guest experience with efficiency-enhancing technology and perks ranging from more information delivery channels to convenient communication options and efficient room management. As a unified content management solution, LYNK REACH 4.0 accommodates LAN, WiFi and coaxial infrastructures to amplify hotel management, monitoring and guest service functions. Transferred by proprietary management server (PMS) and customized templates, hospitality users can create and deliver personalized service for a more memorable experience. This includes access to a range of IP channels and RF channels, applications and services mirroring what guests expect at home and on their mobile devices. LYNK REACH 4.0 additionally enables two-way communication between hotel management and guests. The solution's efficient remote control capability for in-room display ensures quality service delivery in real time without in-room labor and maintenance.

H-Browser compatibility

The Samsung 590/690 Series offers H-Browser through partnerships with certified system integrators, providing guests with a premium interactive experience. Built on the HTML5 standard with Flash® support, H-Browser is a true Smart TV solution that features both free and video on demand (VOD) content. It is able to interface directly with the head end without the use of a set top box.

Mobile device integration using Smart View

Samsung Smart View lets you seamlessly share content across your DLNA-connected Samsung devices, which includes WiDi, without the need for a network cable or a connecting device. Samsung Smart View allows screen mirroring and video streaming to enable seamless content sharing.

Hospitality TV sales:

1-888-727-2664 | 1-866-SAM4BIZ

samsung.com/business

samsung.com/b2bhospitalitytvs

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Samsung 590/690 Series Hospitality TVs

Samsung Hospitality TVs are loaded with features that provide premier guest satisfaction, while making your job easier.

Hospitality features

Anti-theft battery cover
Battery door is secured, ensuring batteries remain in the remote controller.

Channel remapping
Allows the hotelier to change channel and TV source to a different channel.

Clock on timer and alarm key
Allows the guest to program the TV to turn on as a wake-up alarm.

Closed captioning
A text display of all audio content, including spoken dialog and non-speech information such as the identity of the speakers and symbols for sound effects and music.

Hotel channel list
Guest master channel listing of program content. This will display content in analog or HD.

Hotel logo display with time out setting
Display hotel logo bitmap files as a greeting startup display.

Hotel mode plug & play
Interactive stand-alone mode available.

Lockout controls
The hotelier can enable front panel and menu display lock-outs.

On screen display language
Choose English/French/Spanish.

Picture-in-picture
Display one program while another is being displayed on the full TV screen at the same time.

Power on status setting
Settings include power always on, last option or standby.

Multi-code remote
Eliminates interference when two or more TVs are used in close proximity to each other.

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Sleep timer
Allows guest to set TV turn-off time in 30-minute intervals up to 180 minutes.

USB cloning
A quick and easy way to copy the ideal settings off one television to others on the property. Saves time and helps provide a consistent viewing experience for all televisions.

Connections

Samsung Smart View
Enjoy your favorite digital content from any of your DLNA-connected Samsung Devices. Samsung Smart View lets you wirelessly access and share content between your Samsung devices regardless of where you are. And there's no need for any cables or connected devices. It's also equipped with cloud technology, so you can upload your favorite content to a central web storage account and access it wherever you are.

Anynet + (HDMI – CEC)
This Samsung protocol allows the user to control other HDMI devices connected to the TV display, such as DVD players, PC computers and Soundbars.

ConnectShare™ (USB 2.0)
Connect a thumb drive or digital camera quickly and easily. User-friendly interface allows access to videos, a music playlist and pictures via the remote.

Hotel TV (RJ-12/IR pass through)
Allows you to connect an interactive STB/SBB (Set Top Box/Set Back Box).

Hotel TV RJ45
Connection to hotel LAN using custom H-browser or Samsung LYNK SINC.

Interactive compatibility system

ALLIN   Enseo   Guestek   infovalue IPTV EXPERTS   INNVUE   nStreams TECHNOLOGIES INC.

Quadriga   SONIFI   tangerine global   uie UIEVOLUTION

Remote Jack Panel (RJP) compatibility

G-LINK Connect to your World   teleadapt

WiFi®
With built-in WiFi, no additional equipment is needed to connect with an existing wireless router in your hotel network and start accessing Samsung Apps or other Smart TV features.

Picture quality and audio

Auto volume limiter
During initial product setup, minimum and maximum volume levels can be locked to help minimize disturbance to other hotel guests.

Quad Core processor
Quad Core makes multitasking fast. Browse the web faster and quickly. Hotel personnel can easily download apps to the TV.

Full HD 1080p, MPEG4
590/690 Series TVs feature Full HD (excludes 24" and 28" models, which feature 720p resolution). All TVs are also compatible with MPEG4.

Music mode (Input: HDMI/PC/AV/component)
Allows audio feedback when picture is muted.

Music mode backlight on/off
Shows a background display.

Premium slim direct-lit LED technology
Direct-lit LED technology provides the brilliance and energy savings advantages of LED technology, along with the uniform brightness typical of CCFL displays. And it does it all with an efficiency that makes it a more affordable technology. In fact, it's possible to upgrade your rooms to LED technology for a cost comparable to CCFL technology. When you add the energy savings of up to 50% that LED offers over CCFL, you end up with the perfect solution for both you and your guests.

Swivel (90/90) with lockdown
Display pedestal stand rotates with 90/90 degree stops integrated in lockdown mount base. (Excluding 22", 24", 28" and 75" models).

Samsung soundbar compatible
Samsung Hospitality Displays enable Soundbar compatibility by supporting HDMI-CEC. When you connect the Soundbar to the Samsung Hospitality Display with an HDMI cable, the TV audio settings and menu lock feature are automatically applied, so you don't have to set up the Soundbar separately. You can also prevent guests from changing the settings. With one single remote, guests can control both the TV and Soundbar simultaneously.

Warranty

2-year parts and 2-year labor warranty backed by Samsung Hospitality Hotline 1-866-894-0524. Optional professional installation, accessories and extended warranty are available.

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Samsung 590/690 Series Hospitality TVs

Digital Rights Management (DRM)

Pro:Idiom™ HD content decryption DRM (IP/RF) Pro:Idiom
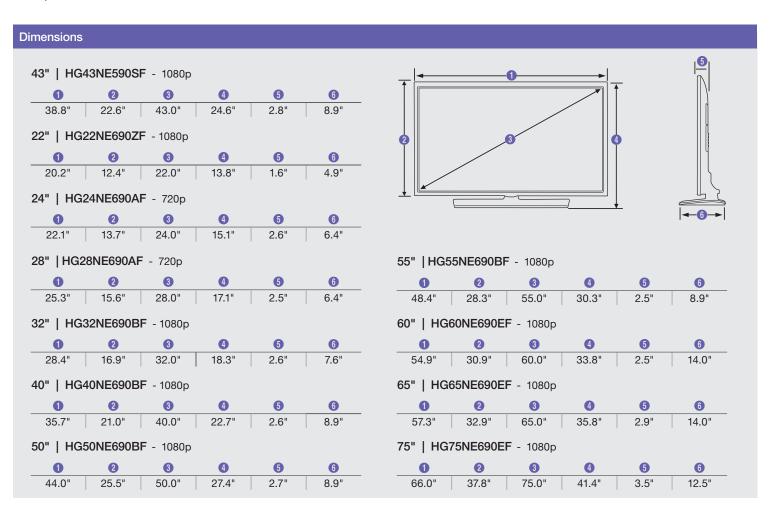
The 590/690 Series is equipped with Pro:Idiom™ MPEG4 technology, making the TVs compatible with most major VOD/PPV systems. You can offer your guests premium HDTV content from cable, satellite or video-on-demand services with no optional cards or external box needed.

Samsung LYNK™ HD content decryption DRM (IP/RF) LYNK

Samsung's software-based DRM technology is integrated into the entire Samsung 2016 Hotel TV line. Samsung LYNK™ offers a robust solution to unlock premium HDTV content from content providers such as cable, satellite and VOD providers, with maximum efficiency and security. IPTV-IP LYNK is available with REACH 4.0 and H-Browser 3.0.

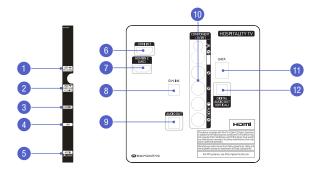### Verimatrix™ HD content decryption DRM (IP) verimatrix

IPTV-IP Multicast DRM is used in conjunction with Samsung REACH 4.0. in viewing IPTV channel reliable access to unlock premium HDTV content from content providers such as cable and satellite providers. IPTV-IP LYNK is available with REACH 4.0 and H-Browser 3.0.

Dimensions

43" | HG43NE590SF - 1080p

①	②	③	④	⑤	⑥
38.8"	22.6"	43.0"	24.6"	2.8"	8.9"

22" | HG22NE690ZF - 1080p

①	②	③	④	⑤	⑥
20.2"	12.4"	22.0"	13.8"	1.6"	4.9"

24" | HG24NE690AF - 720p

①	②	③	④	⑤	⑥
22.1"	13.7"	24.0"	15.1"	2.6"	6.4"

28" | HG28NE690AF - 720p

①	②	③	④	⑤	⑥
25.3"	15.6"	28.0"	17.1"	2.5"	6.4"

32" | HG32NE690BF - 1080p

①	②	③	④	⑤	⑥
28.4"	16.9"	32.0"	18.3"	2.6"	7.6"

40" | HG40NE690BF - 1080p

①	②	③	④	⑤	⑥
35.7"	21.0"	40.0"	22.7"	2.6"	8.9"

50" | HG50NE690BF - 1080p

①	②	③	④	⑤	⑥
44.0"	25.5"	50.0"	27.4"	2.7"	8.9"

55" | HG55NE690BF - 1080p

①	②	③	④	⑤	⑥
48.4"	28.3"	55.0"	30.3"	2.5"	8.9"

60" | HG60NE690EF - 1080p

①	②	③	④	⑤	⑥
54.9"	30.9"	60.0"	33.8"	2.5"	14.0"

65" | HG65NE690EF - 1080p

①	②	③	④	⑤	⑥
57.3"	32.9"	65.0"	35.8"	2.9"	14.0"

75" | HG75NE690EF - 1080p

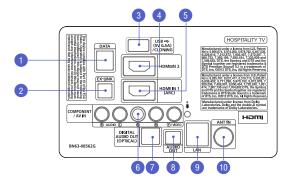| ①	②	③	④	⑤	⑥
66.0"	37.8"	75.0"	41.4"	3.5"	12.5"

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Connectivity

HG43NE590SF

1. USB (5C 0.5A)
2. USB (5C 0.5A) / Cloning
3. HDMI In 1
4. LAN

5. Antenna In (Air / Cable)
6. HDMI In 3
7. HDMI In 2 (ARC)
8. Ex-Link

9. Audio Out
10. Component / AV In 1
11. Data
12. Digital Audio Out (Optical)

HG22NE690ZF

1. Data
2. Ex-Link
3. USB (5V 0.5A) / Cloning
4. HDMI In 2
5. HDMI In 1 (ARC)
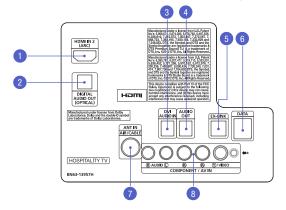
6. Component / AV In
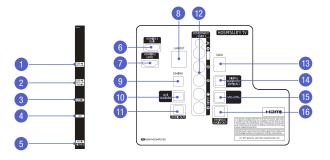7. Digital Audio Out (Optical)
8. Audio Out
9. LAN
10. Antenna In

HG24NE690AF

1. HDMI In 2 (ARC)
2. Digital Audio Out (Optical)
3. DVI Audio In
4. Audio Out

5. Ex-Link
6. Data
7. Antenna In (Air / Cable)
8. Component / AV In

HG28NE690AF
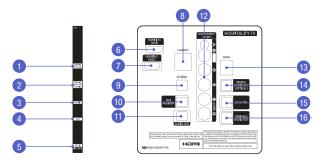
1. USB (5C 0.5A)
2. USB (5C 0.5A) / Cloning
3. HDMI In 1
4. LAN
5. Antenna In (Air / Cable)

6. HDMI In 3 (DVI)
7. HDMI In 2 (ARC)
8. LAN Out
9. Ex-Link
10. DVI Audio In
11. Audio Out

12. Component / AV In 1
13. Data
14. Digital Audio Out (Optical)
15. Vol-Ctrl
16. Variable Audio Out

HG32NE690BF / HG40NE690BF / HG50NE690BF / HG55NE690BF / HG60NE690EF / HG65NE690EF

1. USB (5C 0.5A)
2. USB (5C 0.5A) / Cloning
3. HDMI In 1
4. LAN
5. Antenna In (Air / Cable)

6. HDMI In 3 (DVI)
7. HDMI In 2 (ARC)
8. LAN Out
9. Ex-Link
10. DVI Audio In
11. Audio Out

12. Component / AV In 1
13. Data
14. Digital Audio Out (Optical)
15. Vol-Ctrl
16. Variable Audio Out

HG75NE690EF

1. USB (5C 0.5A)
2. USB (5C 0.5A) / Cloning
3. HDMI In 1
4. LAN
5. Antenna In (Air / Cable)

6. HDMI In 3 (DVI)
7. HDMI In 2 (ARC)
8. LAN Out
9. Ex-Link
10. DVI Audio In
11. Audio Out

12. Component / AV In 1
13. Data
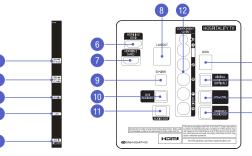14. Digital Audio Out (Optical)
15. Vol-Ctrl
16. Variable Audio Out

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Samsung 590/690 Series
Hospitality TVs

Samsung 590/690 Series Hospitality TVs Key Specifications For complete product specifications, visit samsung.com/b2bhospitalitytvs

		HG43NE590SF	HG22NE690ZF	HG24NE690AF	HG28NE690AF
Display	Backlight	LED	LED	LED	LED
	Screen Size (Diagonal)	43"	22"	24"	28"
	HD/FHD	FHD	FHD	HD	HD
	Resolution	1920 x 1080	1920 x 1080	1366 x 768	1366 x 768
Video	Picture Engine	HyperReal	HyperReal	HyperReal	HyperReal
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast
	Viewing Angle (Horizontal/Vertical)	178/178	178/178	178/178	178/178
	Wide Color Enhancer (Plus)	Yes	Yes	Yes	Yes
	Film Mode	Yes	Yes	Yes	Yes
Audio	Dolby Digital Plus	Yes	Yes	Yes	Yes
	Virtual Surround	Yes	Yes	Yes	Yes
	DTS Codec	Yes	Yes	Yes	Yes
	Sound Output (RMS)	20W (L:10W, R:10W)	6W (L:3W, R:3W)	10W (L:5W, R:5W)	10W (L:5W, R:5W)
	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)
	Wall Mount Sound Mode	Yes	Yes	Yes	Yes
	TV SoundConnect	N/A	N/A	N/A	N/A
	BT Headset Support	N/A	N/A	N/A	N/A
SMART TV	Smart TV Type	Smart	Smart	Smart	Smart
	Apps Panel	Yes	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes	Yes
Features	Voice Control	N/A	N/A	N/A	N/A
	Mobile to TV - Mirroring, DLNA	Yes	N/A	Yes	Yes
	Samsung SMART View	Yes	N/A	Yes	Yes
	Processor	Quad Core	Quad Core	Quad Core	Quad Core
	Accessibility	Voice Guide / Enlarge / High Contrast	Voice Guide / Enlarge / High Contrast	Voice Guide / Enlarge / High Contrast	Voice Guide / Enlarge / High Contrast
	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
	Sports Mode	Yes	Yes	Yes	Yes
	EPG	Yes	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes	Yes
	OSD Language	English, Spanish, French	English, Spanish, French	English, Spanish, French	English, Spanish, French
	Picture-In-Picture	Yes	Yes	Yes	Yes
	BT HID Support	N/A	N/A	N/A	N/A
	USB HID Support	Yes	Yes	Yes	Yes
System	Digital Broadcasting	ASTC/Clear QAM	ASTC/Clear QAM	ASTC/Clear QAM	ASTC/Clear QAM
	Analog Tuner	Yes	Yes	Yes	Yes
Hospitality Features	Samsung LYNK™ SINC Compatibility	Yes	Yes	Yes	Yes
	Samsung LYNK™ HMS Compatibility	N/A	N/A	N/A	N/A
	H.Browser	Yes	Yes	Yes	Yes
	Samsung LYNK™ REACH (IP / RF)	REACH 4.0 / REACH 4.0	REACH 4.0 / REACH 4.0	REACH 4.0 / REACH 4.0	REACH 4.0 / REACH 4.0
	Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes	Yes	Yes
	Hospitality Home Menu	Home Menu 2015	Home Menu 2015	Home Menu 2015	Home Menu 2015
	Bluetooth Music Player (Mobile TV)	N/A	N/A	N/A	N/A
	Hospitality Plug&Play (Easy Setup)	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 Timer Out Setting (BMP/Movie)	Yes	Yes	Yes	Yes
	Welcome Message	Yes	Yes	Yes	Yes
	RJ12 / IR Pass Through	Yes	Yes	Yes	Yes
	Clock Back Up Power Supply	Yes	Yes	Yes	Yes
	Software Clock	Yes	Yes	Yes	Yes
	Multi Code Remote Control	Yes	Yes	Yes	Yes
	Screwed Battery Cover	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
	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
	Wake-up Timer (Alarm)	Yes	Yes	Yes	Yes
	Samsung LYNK™ DRM	Yes	Yes	Yes	Yes
	Pro:Idiom	Yes	Yes	Yes	Yes
	Security Mode	Yes	Yes	Yes	Yes
	S/W EPG (Solution EPG)	Yes	Yes	Yes	Yes
	Wake on LAN (WOL)	Yes	Yes	Yes	Yes
Input & Output	HDMI	1/2	0/2	1/1	1/2
	USB	2/0	0/1	1/0	2/0
	Component In (Y/Pb/Pr)	0/1	0/1	0/1	0/1
	Composite In (AV)	0/1 (Common Use for Component Y)	0/1 (Common Use for Component Y)	0/1 (Common Use for Component Y)	0/1 (Common Use for Component Y)
	Ethernet (LAN)	1/0	0/1	1/0	1/0
	Audio Out (Mini Jack / LR)	0/1	0/1	0/1	0/1
	Digital Audio Out (Optical)	0/1	0/1	0/1	0/1
	RF In (Terrestrial / Cable Input / Satellite Input)	1/0	0/1	1/0	1/0
	Ex-Link (RS232C)	Common (RJP)	Common (RJP)	Common (RJP)	Common (RJP)
	HDMI A / Return Ch. Support	Yes	Yes	Yes	Yes
	Wireless LAN Built-in	Yes	N/A	Yes	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes	Yes
	Variable Audio Out	N/A	N/A	N/A	0/1
	Variable Audio Out Volume Control	N/A	N/A	N/A	0/1
	RJ12	0/1	0/1	0/1	0/1
	RJP Jack (For Remote Jackpack)	0/1	0/1	0/1	0/1
	PC/DVI Audio In (Mini Jack)	N/A	N/A	0/1	N/A
	Ethernet Bridge (LAN-Out)	N/A	N/A	N/A	N/A
Design	Front Color	Black	Black	Black	Black
	Stand Type	Square	Round	Square	Square
	Swivel (Left/Right)	90/90	N/A	N/A	N/A
Dimensions (W x H x D)	Set Size without Stand - Wall Mount Side (WxHxD) (mm/in)	985.5 x 575.3 x 58.8 / 38.8" x 22.6" x 2.3"	513.8 x 315.6 x 34.4 / 20.2" x 12.4" x 1.4"	561.8 x 349.1 x 49.1 / 22.1" x 13.7" x 1.9"	643.4 x 396.5 x 49.1 / 25.3" x 15.6" x 1.9"
	Set Size without Stand - Speaker Side (WxHxD) (mm/in)	985.5 x 575.3 x 72.2 / 38.8" x 22.6" x 2.8"	513.8 x 315.6 x 39.9 / 20.2" x 12.4" x 1.6"	561.8 x 349.1 x 66.6 / 22.1" x 13.7" x 2.6"	643.4 x 396.5 x 62.9 / 25.3" x 15.6" x 2.5"
	Set Size with Stand (WxHxD) (mm/in)	985.5 x 624.2 x 226.5 / 38.8" x 24.6" x 8.9"	513.8 x 350.0 x 123.4 / 20.2" x 13.8" x 4.9"	561.8 x 384.2 x 163.8 / 22.1" x 15.1" x 6.4"	643.4 x 435.0 x 163.4 / 25.3" x 17.1" x 6.4"
	Package Size (WxHxD) (mm/inch)	1162 x 646 x 143 / 45.7" x 25.4" x 5.6"	588 x 454 x 120 / 23.1" x 17.9" x 4.7"	743 x 407 x 114 / 29.3" x 16.0" x 4.5"	815 x 463 x 108 / 32.1" x 18.2" x 4.3"
Weight	Set Weight without Stand (kg / lbs)	7.71 / 17.0	3.4 / 7.5	4.0 / 8.8	3.7 / 8.2
	Set Weight with Stand (kg / lbs)	10.65 / 23.5	3.6 / 7.9	4.2 / 9.3	4.1 / 9.0
	Package Weight (kg / lbs)	12.8 / 28.2	4.8 / 10.6	5.4 / 11.9	5.6 / 12.3
Power	Power Supply (V)	AC110-120V 60Hz	AC110-120V 60Hz	AC110-120V 60Hz	AC110-120V 60Hz
Accessory	Remote Controller Model	TM1240A	TM1240A	TM1240A	TM1240A
	Batteries (for Remote Control)	Yes	Yes	Yes	Yes
	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	N/A	N/A	Yes
	Security Screws	Yes	N/A	N/A	Yes
	Angle Adaptor (for Side RF tuner)	N/A	N/A	N/A	Yes

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		HG32NE690BF	HG40NE690BF	HG50NE690BF	HG55NE690BF
Display	Backlight	LED	LED	LED	LED
	Screen Size (Diagonal)	32"	40"	50"	55"
	HD/FHD	FHD	FHD	FHD	FHD
	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
	Viewing Angle (Horizontal/Vertical)	178/178	178/178	178/178	178/178
	Wide Color Enhancer (Plus)	Yes	Yes	Yes	Yes
	Film Mode	Yes	Yes	Yes	Yes
Audio	Dolby Digital Plus	Yes	Yes	Yes	Yes
	Virtual Surround	Yes	Yes	Yes	Yes
	DTS Codec	Yes	Yes	Yes	Yes
	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)
	Wall Mount Sound Mode	Yes	Yes	Yes	Yes
	TV SoundConnect	Yes	Yes	Yes	Yes
	BT Headset Support	Yes	Yes	Yes	Yes
SMART TV	Smart TV Type	Smart	Smart	Smart	Smart
	Apps Panel	Yes	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes	Yes
Features	Voice Control	Yes	Yes	Yes	Yes
	Mobile to TV - Mirroring, DLNA	Yes	Yes	Yes	Yes
	Samsung SMART View	Yes	Yes	Yes	Yes
	Processor	Quad Core	Quad Core	Quad Core	Quad Core
	Accessibility	Voice Guide / Enlarge / High Contrast	Voice Guide / Enlarge / High Contrast	Voice Guide / Enlarge / High Contrast	Voice Guide / Enlarge / High Contrast
	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
	Sports Mode	Yes	Yes	Yes	Yes
	EPG	Yes	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes	Yes
	OSD Language	English, Spanish, French	English, Spanish, French	English, Spanish, French	English, Spanish, French
	Picture-In-Picture	Yes	Yes	Yes	Yes
	BT HID Support	Yes	Yes	Yes	Yes
	USB HID Support	Yes	Yes	Yes	Yes
System	Digital Broadcasting	ASTC/Clear QAM	ASTC/Clear QAM	ASTC/Clear QAM	ASTC/Clear QAM
	Analog Tuner	Yes	Yes	Yes	Yes
Hospitality Features	Samsung LYNK™ SINC Compatibility	Yes	Yes	Yes	Yes
	Samsung LYNK™ HMS Compatibility	Yes	Yes	Yes	Yes
	H.Browser	Yes	Yes	Yes	Yes
	Samsung LYNK™ REACH (IP / RF)	REACH 4.0 / REACH 4.0	REACH 4.0 / REACH 4.0	REACH 4.0 / REACH 4.0	REACH 4.0 / REACH 4.0
	Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes	Yes	Yes
	Hospitality Home Menu	Home Menu 2015	Home Menu 2015	Home Menu 2015	Home Menu 2015
	Bluetooth Music Player (Mobile TV)	Yes	Yes	Yes	Yes
	Hospitality Plug&Play (Easy Setup)	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 Timer Out Setting (BMP/Movie)	Yes	Yes	Yes	Yes
	Welcome Message	Yes	Yes	Yes	Yes
	RJ12 / IR Pass Through	Yes	Yes	Yes	Yes
	Clock Back Up Power Supply	Yes	Yes	Yes	Yes
	Software Clock	Yes	Yes	Yes	Yes
	Multi Code Remote Control	Yes	Yes	Yes	Yes
	Screwed Battery Cover	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
	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
	Wake-up Timer (Alarm)	Yes	Yes	Yes	Yes
	Samsung LYNK™ DRM	Yes	Yes	Yes	Yes
	Pro:Idiom	Yes	Yes	Yes	Yes
	Security Mode	Yes	Yes	Yes	Yes
	S/W EPG (Solution EPG)	Yes	Yes	Yes	Yes
	Wake on LAN (WOL)	Yes	Yes	Yes	Yes
Input & Output	HDMI	1/2	1/2	1/2	1/2
	USB	2/0	2/0	2/0	2/0
	Component In (Y/Pb/Pr)	0/1	0/1	0/1	0/1
	Composite In (AV)	0/1 (Common Use for Component Y)	0/1 (Common Use for Component Y)	0/1 (Common Use for Component Y)	0/1 (Common Use for Component Y)
	Ethernet (LAN)	1/0	1/0	1/0	1/0
	Audio Out (Mini Jack / LR)	0/1	0/1	0/1	0/1
	Digital Audio Out (Optical)	0/1	0/1	0/1	0/1
	RF In (Terrestrial / Cable Input / Satellite Input)	1/0	1/0	1/0	1/0
	Ex-Link (RS232C)	Common (RJP)	Common (RJP)	Common (RJP)	Common (RJP)
	HDMI A / Return Ch. Support	Yes	Yes	Yes	Yes
	Wireless LAN Built-in	Yes	Yes	Yes	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes	Yes
	Variable Audio Out	0/1	0/1	0/1	0/1
	Variable Audio Out Volume Control	0/1	0/1	0/1	0/1
	RJ12	0/1	0/1	0/1	0/1
	RJP Jack (For Remote Jackpack)	0/1	0/1	0/1	0/1
	PC/DVI Audio In (Mini Jack)	0/1	0/1	0/1	0/1
	Ethernet Bridge (LAN-Out)	0/1	0/1	0/1	0/1
Design	Front Color	Black	Black	Black	Black
	Stand Type	Square	Square	Square	Square
	Swivel (Left/Right)	90/90	90/90	90/90	90/90
Dimensions (W x H x D)	Set Size without Stand - Wall Mount Side (WxHxD) (mm/in)	721.4 x 428.5 x 49.1 / 28.4" x 16.9" x 1.9"	906.6 x 532.9 x 52.8 / 35.7" x 21.0" x 2.1"	1117.8 x 647.8 x 53.4 / 44.0" x 25.5" x 2.1"	1230.6 x 718.4 x 50.2 / 48.4" x 28.3" x 1.9"
	Set Size without Stand - Speaker Side (WxHxD) (mm/in)	721.4 x 428.5 x 64.9 / 28.4" x 16.9" x 2.6"	906.6 x 532.9 x 65.1 / 35.7" x 21.0" x 2.6"	1117.8 x 647.8 x 67.5 / 44.0" x 25.5" x 2.7"	1230.6 x 718.4 x 64.0 / 48.4" x 28.3" x 2.5"
	Set Size with Stand (WxHxD) (mm/in)	721.4 x 465.6 x 192.6 / 28.4" x 18.3" x 7.6"	906.6 x 577.6 x 226.5 / 35.7" x 22.7" x 8.9"	1117.8 x 696.3 x 226.5 / 44.0" x 27.4" x 8.9"	1230.6 x 762.8 x 226.5 / 48.4" x 30.3" x 8.9"
	Package Size (WxHxD) (mm/inch)	899 x 506 x 113 / 35.4" x 20.0" x 4.4"	1100 x 616 x 120 / 43.3" x 24.3" x 4.7"	1355 x 740 x 135 / 53.3" x 29.1" x 5.3"	1470.0 x 815.0 x 145.0 / 57.9" x 32.1" x 5.7"
Weight	Set Weight without Stand (kg / lbs)	5.0 / 11.0	7.8 / 17.2	12.4 / 27.3	15.7 / 24.6
	Set Weight with Stand (kg / lbs)	6.4 / 14.1	10.7 / 23.6	15.3 / 33.7	18.6 / 41.0
	Package Weight (kg / lbs)	7.5 / 16.5	12.3 / 27.1	19.5 / 43.0	23.0 / 50.7
Power	Power Supply (V)	AC110-120V 60Hz	AC110-120V 60Hz	AC110-120V 60Hz	AC110-120V 60Hz
Accessory	Remote Controller Model	TM1240A	TM1240A	TM1240A	TM1240A
	Batteries (for Remote Control)	Yes	Yes	Yes	Yes
	Mini Wall Mount Support	Yes	Yes	Yes	Yes
	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
	Security Screws	Yes	Yes	Yes	Yes
	Angle Adaptor (for Side RF tuner)	N/A	N/A	N/A	N/A

SAMSUNG

Samsung 590/690 Series
Hospitality TVs

Samsung 590/690 Series Hospitality TVs Key Specifications
For complete product specifications, visit samsung.com/b2bhospitalitytvs

		HG60NE690EF	HG65NE690EF	HG75NE690EF
Display	Backlight	LED	LED	LED
	Screen Size (Diagonal)	60"	65"	75"
	HD/FHD	FHD	FHD	FHD
	Resolution	1920 x 1080	1920 x 1080	1920 x 1080
Video	Picture Engine	HyperReal	HyperReal	HyperReal
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast	Mega Contrast
	Viewing Angle (Horizontal/Vertical)	178/178	178/178	178/178
	Wide Color Enhancer (Plus)	Yes	Yes	Yes
	Film Mode	Yes	Yes	Yes
Audio	Dolby Digital Plus	Yes	Yes	Yes
	Virtual Surround	Yes	Yes	Yes
	DTS Codec	Yes	Yes	DTS Premium Sound 5.1
	Sound Output (RMS)	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)
	Wall Mount Sound Mode	Yes	Yes	Yes
	TV SoundConnect	Yes	Yes	Yes
	BT Headset Support	Yes	Yes	Yes
SMART TV	Smart TV Type	Smart	Smart	Smart
	Apps Panel	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes
Features	Voice Control	Yes	Yes	Yes
	Mobile to TV - Mirroring, DLNA	Yes	Yes	Yes
	Samsung SMART View	Yes	Yes	Yes
	Processor	Quad Core	Quad Core	Quad Core
	Accessibility	Voice Guide / Enlarge / High Contrast	Voice Guide / Enlarge / High Contrast	Voice Guide / Enlarge / High Contrast
	Digital Clean View	Yes	Yes	Yes
	Auto Channel Search	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes
	Caption (Subtitle)	Yes	Yes	Yes
	ConnectShare™ (HDD)	Yes	Yes	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes
	Sports Mode	Yes	Yes	Yes
	EPG	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes
	OSD Language	English, Spanish, French	English, Spanish, French	English, Spanish, French
	Picture-In-Picture	Yes	Yes	Yes
	BT HID Support	Yes	Yes	Yes
	USB HID Support	Yes	Yes	Yes
System	Digital Broadcasting	ASTC/Clear QAM	ASTC/Clear QAM	ASTC/Clear QAM
	Analog Tuner	Yes	Yes	Yes
Hospitality Features	Samsung LYNK™ SINC Compatibility	Yes	Yes	Yes
	Samsung LYNK™ HMS Compatibility	Yes	Yes	Yes
	H.Browser	Yes	Yes	Yes
	Samsung LYNK™ REACH (IP / RF)	REACH 4.0 / REACH 4.0	REACH 4.0 / REACH 4.0	REACH 4.0 / REACH 4.0
	Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes	Yes
	Hospitality Home Menu	Home Menu 2015	Home Menu 2015	Home Menu 2015
	Bluetooth Music Player (Mobile → TV)	Yes	Yes	Yes
	Hospitality Plug&Play (Easy Setup)	Yes	Yes	Yes
	Auto Source Mode	Yes	Yes	Yes
	Power On Mode	Yes	Yes	Yes
	Hotel Channel List	Yes	Yes	Yes
	Channel Menu Display	Yes	Yes	Yes
	Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes	Yes
	My Channel	Yes	Yes	Yes
	Energy Saving Mode (BLU Control)	Yes	Yes	Yes
	Logo Display with Timer Out Setting (BMP/Movie)	Yes	Yes	Yes
	Welcome Message	Yes	Yes	Yes
	RJ12 / IR Pass Through	Yes	Yes	Yes
	Clock Back Up Power Supply	Yes	Yes	Yes
	Software Clock	Yes	Yes	Yes
	Multi Code Remote Control	Yes	Yes	Yes
	Screwed Battery Cover	Yes	Yes	Yes
	Sound Bar Compatibility	Yes	Yes	Yes
	Music Mode (Input: PC/AV/Component/HDMI)	Yes	Yes	Yes
	Music Mode Backlight On/Off	Yes	Yes	Yes
	USB Cloning	Yes	Yes	Yes
	Smoovie Compatibility	Yes	Yes	Yes
	Soft AP	Yes	Yes	Yes
	On/Off Timer (Schedule)	Yes	Yes	Yes
	Wake-up Timer (Alarm)	Yes	Yes	Yes
	Samsung LYNK™ DRM	Yes	Yes	Yes
	Pro:Idiom	Yes	Yes	Yes
	Security Mode	Yes	Yes	Yes
	S/W EPG (Solution EPG)	Yes	Yes	Yes
	Wake on LAN (WOL)	Yes	Yes	Yes
Input & Output	HDMI	1/2	1/2	2/1
	USB	2/0	2/0	2/0
	Component In (Y/Pb/Pr)	0/1	0/1	0/1
	Composite In (AV)	0/1 (Common Use for Component Y)	0/1 (Common Use for Component Y)	0/1 (Common Use for Component Y)
	Ethernet (LAN)	1/0	1/0	1/0
	Audio Out (Mini Jack / LR)	0/1	0/1	0/1
	Digital Audio Out (Optical)	0/1	0/1	0/1
	RF In (Terrestrial / Cable Input / Satellite Input)	1/0	1/0	1/0
	Ex-Link (RS232C)	Common (RJP)	Common (RJP)	0/1
	HDMI A / Return Ch. Support	Yes	Yes	Yes
	Wireless LAN Built-in	Yes	Yes	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes
	Variable Audio Out	0/1	0/1	0/1
	Variable Audio Out Volume Control	0/1	0/1	0/1
	RJ12	0/1	0/1	0/1
	RJP Jack (For Remote Jackpack)	0/1	0/1	0/1
	PC/DVI Audio In (Mini Jack)	0/1	0/1	0/1
	Ethernet Bridge (LAN-Out)	0/1	0/1	0/1
Design	Front Color	Black	Black	Black
	Stand Type	Square	Square	Y-Feet
	Swivel (Left/Right)	90/90	90/90	N/A
Dimensions (W x H x D)	Set Size without Stand - Wall Mount Side (WxHxD) (mm/in)	1395.0 x 785.9 x 51.6 / 54.9" x 30.9" x 2.0"	1454.5 x 835.4 x 56.2 / 57.3" x 32.9" x 2.2"	1676.2 x 959.5 x 73.7 / 66.0" x 37.8" x 2.9"
	Set Size without Stand - Speaker Side (WxHxD) (mm/in)	1395.0 x 785.9 x 64.2 / 54.9" x 30.9" x 2.5"	1454.5 x 835.4 x 70.9 / 57.3" x 32.9" x 2.9"	1676.2 x 959.5 x 89.7 / 66.0" x 37.8" x 3.5"
	Set Size with Stand (WxHxD) (mm/in)	1395.0 x 857.9 x 355.1 / 54.9" x 33.8" x 14.0"	1454.5 x 909.7 x 355.1 / 57.3" x 35.8" x 14.0"	1676.2 x 1051.8 x 318.1 / 66.0" x 41.4" x 12.5"
	Package Size (WxHxD) (mm/inch)	1685.0 x 947.0 x 175.0 / 66.3" x 37.3" x 6.9"	1780 x 965 x 190 / 70.1" x 38.0" x 7.5"	1810.0 x 1075.0 x 300.0 / 71.3" x 42.3" x 11.8"
Weight	Set Weight without Stand (kg / lbs)	21.1 / 46.5	25.9 / 57.1	31.2 / 68.8
	Set Weight with Stand (kg / lbs)	26.1 / 57.5	30.9 / 68.1	32 / 70.5
	Package Weight (kg / lbs)	32.9 / 72.5	39.3 / 86.6	43.4 / 95.7
Power	Power Supply (V)	AC110-120V 60Hz	AC110-120V 60Hz	AC110-120V 50/60Hz
Accessory	Remote Controller Model	TM1240A	TM1240A	TM1240A
	Batteries (for Remote Control)	Yes	Yes	Yes
	Mini Wall Mount Support	Yes	Yes	Yes
	Vesa Wall Mount Support	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes
	Data Cable	Yes	Yes	Yes
	Stand Mount Kit	Yes	Yes	No
	Security Screws	Yes	Yes	No
	Angle Adaptor (for Side RF tuner)	N/A	N/A	No

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