Healthcare Series Hospitality TVs

28" Class LED	HG28NE473AF
32" Class LED	HG32NE473SF
43" Class LED	HG43NE593SF

LED   Samsung SMART TV

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Every patient should be safe, comfortable and well-entertained

NE Series Hospitality TVs

LED TVs designed specifically for today's healthcare industry

Entertainment is the ultimate bedside manner, and the global leader in flat-panel technology delivers. Offering the most advanced TV solutions for the healthcare industry, Samsung's NE Series TVs have been manufactured with hospital-specific features, such as an interchangeable pillow speaker interface and compatibility with many interactive patient education systems. Patients enjoy stunning Samsung picture quality, while you enjoy cost savings from LED technology that uses up to 50% less energy. Pro:Idiom™ decoding gives patients an expanded lineup of HD channels. Facility managers benefit from the side-mounted USB ports for convenient set-up and the on-site warranty program. And Samsung's REACH 4.0 management solution makes content management simple. It's the platform that makes everyone feel better.

Key features

UL-Listed for hospital use
Samsung NE Series televisions are specifically engineered to meet the stringent requirements for use in hospital environments.

Universal pillow speaker interface
An easy-to-use interface for multiple styles of pillow speakers is built right into the TV. This eliminates the hassle of lost remotes and changing batteries.

Samsung LYNK™ REACH 4.0 content management solution
Samsung's LYNK REACH 4.0 fuses the benefits of SINC and REACH hospitality technologies to offer a comprehensive content management solution. 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.

SMART TV offers interactive patient engagement systems (593 model)
SMART TV offers advanced interactive patient engagement systems, which aid in providing maximum patient satisfaction and superior levels of service. The systems deliver on-demand, condition-specific educational content, hospital information, analytics, surveys, service recovery features and more to the patient's bedside. Customizable user interfaces are offered by healthcare system integrators.

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

Healthcare Features

Channel remapping
The Channel Editor lets you edit the channels stored in the TV's memory. Using Channel Editor, you can change the channel numbers and names, and sort the channels in your desired channel number order. You can also apply the video mute to channels you select. The video mute blanks out the video from a channel and outputs only the sound while displaying a speaker icon on the screen.

Channel Bank Editor
The Channel Bank Editor lets you control the channels the patients (or the guest) have access to. The Channel Bank Editor provides three banks of channels and lets you select which channels will be available from each bank. You can control access to channels by setting the item of Channel Bank Service Level in Hospitality Option Menu.

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.

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

Hospital logo display with time out setting
Display hospital logo bitmap files as a greeting startup display.

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

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

OSD 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.

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.

Sleep timer
Allows patient 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 in the facility. Saves time and helps provide a consistent viewing experience for all televisions.

Connections

Samsung Smart View (593 model only)
View 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 content to a central web storage account and access it wherever you are.

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.

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

Hospital TV RJ45 (593 model only)
Connection to hospital LAN using custom H-browser or Samsung LYNK™ SINC.

Interactive compatibility system

Remote Jack Panel (RJP) compatibility

WiFi® (593 model only)
With built-in WiFi, no additional equipment is needed to connect with an existing wireless router in your hospital 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 hospital patients.

Dual core processor (593 model only)
Dual Core makes multitasking fast. Browse the web faster and quickly. Hospital personnel can easily download apps to the TV.

Full HD 1080p, MPEG4
The Samsung 593 model TV features 1920 x 1080 Full HD resolution, while the 473 models feature 1366 x 768 HD resolution. All TVs are 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.

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 patients.

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

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Samsung Healthcare Series TVs

Digital Rights Management (DRM)

Samsung LYNK™ HD Content decryption DRM

Samsung's software-based DRM technology is integrated into the entire Samsung Hospitality 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.
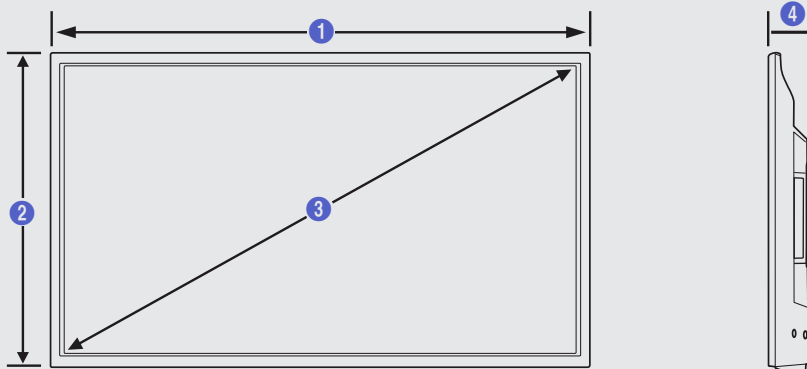
Samsung LYNK™ HD Content Decryption (IP/RF) DRM (593 model only)

Samsung's software-based DRM technology is integrated into the Samsung Hospitality 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 available with REACH 4.0 and H-Browser.

Verimatrix™ HD Content Decryption DRM (IP) (593 model only)

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

Dimensions

28" | HG28NE473AF - 720p | Mega Dynamic Contrast Ratio

①	②	③	④
25.3"	15.6"	28"	2.5"

32" | HG32NE473SF - 720p | Mega Dynamic Contrast Ratio

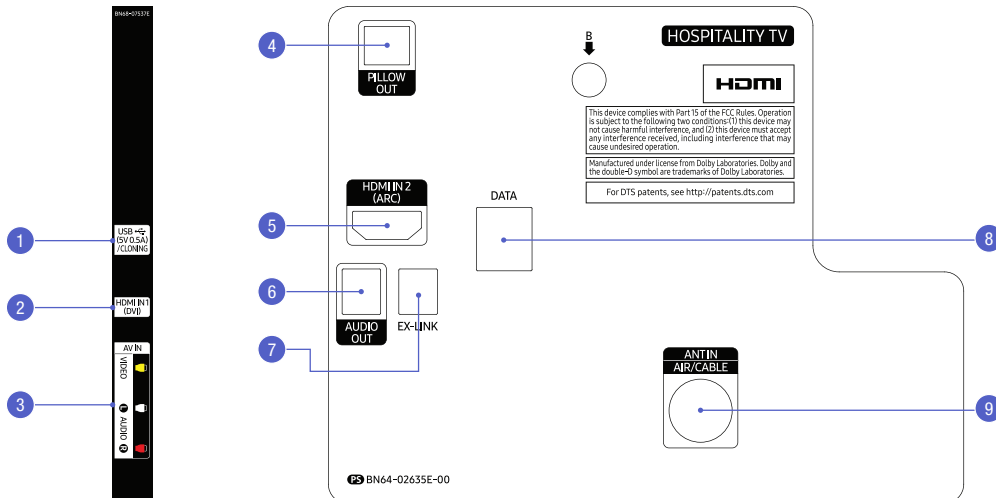| ①	②	③	④
29.3"	17.4"	31.5"	2.7"

43" | HG43NE593SF - 1080p | Mega Dynamic Contrast Ratio

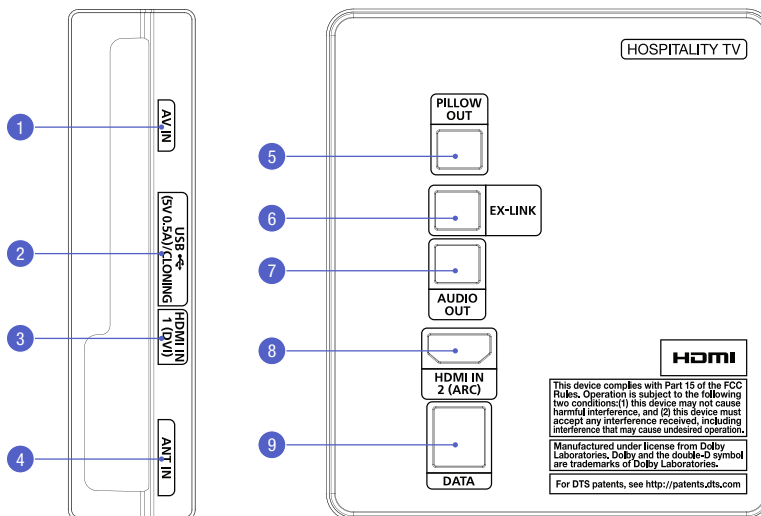| ①	②	③	④
38.8"	22.6"	43.0"	2.8"

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Connectivity

HG28NE473AF

1. USB (5C 0.5A) / Cloning
2. HDMI In 1 (DVI)
3. AV In (Video, Audio L/R)
4. Pillow Out
5. HDMI In 2 (Arc)
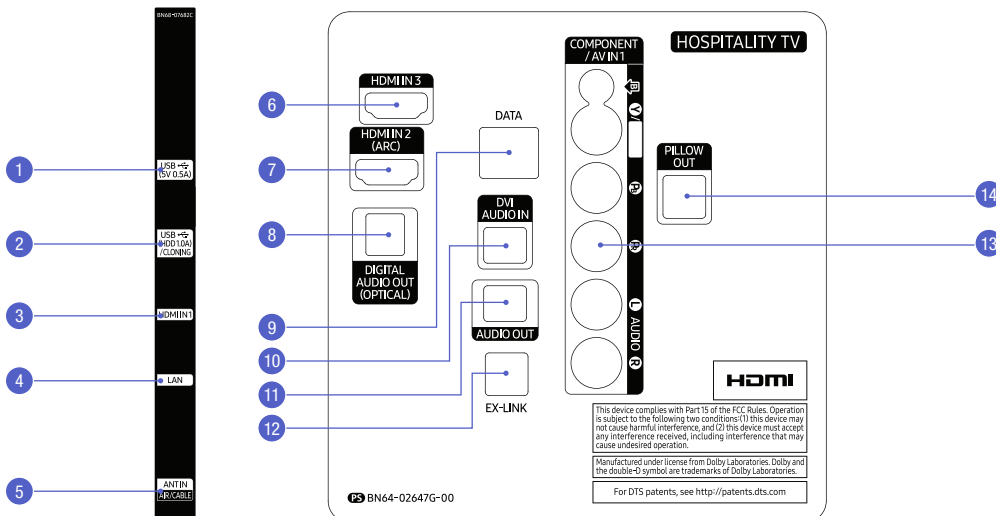6. Audio Out
7. Ex-Link
8. Data
9. Ant In (Air / Cable)

HG32NE473SF

1. AV In
2. USB (5C 0.5A) / Cloning
3. HDMI In 1 (DVI)
4. Antenna In
5. Pillow Out
6. Ex-Link
7. Audio Out
8. HDMI In 2 (ARC)
9. Data

HG43NE593SF

1. USB (5V 0.5A)
2. USB (HDD 1.0A) / Cloning
3. HDMI In 1
4. LAN
5. Antenna In (Air / Cable)
6. HDMI In 3
7. HDMI In 2 (ARC)
8. Digital Audio Out (Optical)
9. Data
10. DVI Audio In
11. Audio Out
12. Ex-Link
13. Component / AV In 1
14. Pillow Out

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Samsung Healthcare Series
Hospitality TVs

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

		HG28NE473AF	HG32NE473SF	HG43NE593SF
Display	Backlight	LED	LED	LED
	Screen Size (Diagonal)	28"	32" (31.5")	43" (42.5")
	HD/FHD/UHD	HD	HD	FHD
	Resolution	1366 x 768	1366 x 768	1920 x 1080
	Brightness (nits)	250	250	300
Video	Picture Engine	HyperReal	HyperReal	HyperReal
	Contrast Ratio	Mega Dynamic	Mega Dynamic	Mega Dynamic
	Wide Color Enhancer (Plus)	Yes	Yes	Yes
	Film Mode	Yes	Yes	Yes
Audio	Dolby Digital Plus	Yes	Yes	Yes
	DTS Studio Sound	Yes	Yes	Yes
	DTS Premium Sound / DTS Premium Sound 5.1	Yes	Yes	Yes
	Auto Volume Leveler	Yes	Yes	Yes
	Virtual Surround	N/A	N/A	Yes
	Sound Output (RMS)	10W (L:5W, R:5W)	10W (L:5W, R:5W)	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
	Variable Speaker Output	4W (Mono, 8Ω)	4W (Mono, 8Ω)	4W (Mono, 8Ω)
	Wall Mount Sound Mode	Yes	Yes	Yes
SMART TV	Smart TV Type	Non Smart	Non Smart	Smart
	Apps Panel	N/A	N/A	Yes
	Web Browser	N/A	N/A	Yes
VESA Standard	VESA Wall Mount (mm / in.)	100 x 100 / 3.9" x 3.9"	200 x 200 / 7.87" x 7.87"	200 x 200 / 7.87" x 7.87"
	VESA Screw Size	M4	M8	M8
Convergence	Mobile to TV - Mirroring, DLNA	N/A	N/A	Yes
	Samsung SMART View	N/A	N/A	Yes
Features	Accessibility	Voice Guide	Voice Guide	Voice Guide / Enlarge / High Contrast
	Smart Hub	No	No	Yes
	Processor	N/A	N/A	Quad Core
	Samsung Smart View	No	No	Yes
	ConnectShare™ (HDD)	N/A	N/A	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes
	Wake On LAN	N/A	N/A	Yes
	Soft AP	No	No	Yes
	USB HID Support	N/A	N/A	Yes
	OSD Language	English, Spanish, French	English, Spanish, French	English, Spanish, French
	Digital Clean View	Yes	Yes	Yes
	HDMI 1.4 A / Return Ch. Support (ARC)	Yes	Yes	Yes
	Auto Channel Search	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes
	EPG	Yes	Yes	Yes
	Caption (Subtitle)	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes
	Sports Mode	Yes	Yes	Yes
	Picture-In-Picture	Yes	Yes	Yes
	Sleep Timer	Yes	Yes	Yes
System	Digital Broadcasting	ATSC/Clear QAM	ATSC/Clear QAM	ATSC/Clear QAM
	Analog Tuner	Yes	Yes	Yes
Hospitality Features	Samsung LYNK™ REACH Server Compatibility	Yes	Yes	Yes
	H. Browser	N/A	N/A	Yes
	Samsung LYNK™ REACH (IP)	N/A	N/A	REACH 4.0
	Samsung LYNK™ REACH (RF)	REACH 4.0	REACH 4.0	REACH 4.0
	Samsung LYNK™ REACH RF Modulator Compatibility	Yes	Yes	Yes
	Samsung LYNK™ DRM	Yes	Yes	Yes
	Hospitality Home Menu	Home Menu 2015	Home Menu 2015	Home Menu 2015
	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	N/A	N/A	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	N/A	N/A	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
	On/Off Timer (Schedule)	Yes	Yes	Yes
	Wake-up Timer (Alarm)	Yes	Yes	Yes
	Pro:Idiom	Yes	Yes	Yes
	Security Mode	Yes	Yes	Yes
	S/W EPG (Solution EPG)	Yes	Yes	Yes

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		HG28NE473AF	HG32NE473SF	HG43NE593SF
Input & Output	HDMI	1/1	1/1	1/2
	USB	1/0	1/0	2/0
	Component In (Y/Pb/Pr)	N/A	N/A	0/1
	Composite In (AV)	1/0	1/0	0/1 (Common Use for Component Y)
	Ethernet (LAN)	N/A	N/A	1/0
	Audio Out (Mini Jack / LR)	0/1	0/1	0/1
	Digital Audio Out (Optical)	N/A	N/A	0/1
	RF In (Terrestrial / Cable input / Satellite Input)	0/1	1/0	1/0
	Ex-Link (RS232C)	Common (RJP)	Common (RJP)	Common (RJP)
	HDMI A / Return Ch. Support	Yes	Yes	Yes
	Wireless LAN Built-in	N/A	N/A	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes
	Pillow Speaker Jack	0/1	0/1	0/1
	RJ12	0/1	0/1	0/1
	RJP Jack (Remote Jackpack)	0/1	0/1	0/1
	PC/DVI Audio In (Mini Jack)	N/A	N/A	Yes
Design	Front Color	Black	Black	Black
Dimensions (W x H x D)	Set Size without Stand - Wall Mount Side (WxHxD) (mm/in)	643.4 x 396.5 x 49.1 / 25.3" x 15.6" x 1.9"	745.4 x 442.2 x 57.9 / 29.4" x 17.4" x 2.3"	985.5 x 575.3 x 58.8 / 38.8" x 22.7" x 2.3"
	Set Size without Stand - Speaker Side (WxHxD) (mm/in)	643.4 x 396.5 x 62.9 / 25.3" x 15.6" x 2.5"	745.4 x 442.2 x 69.0 / 29.4" x 17.4" x 2.7"	985.5 x 575.3 x 72.2 / 38.8" x 22.7" x 2.8"
	Package Size (WxHxD) (mm/inch)	815.0 x 463.0 x 108.0 / 32.1" x 18.2" x 4.3"	808.0 x 507.0 x 127.0 / 31.8" x 20.0" x 5.0"	1162.0 x 646.0 x 143.0 / 45.7" x 25.4" x 5.6"
Weight	Set Weight without Stand (kg / (lbs.)	3.8 kg / 8.4 lbs.	4.1 kg / 9.0 lbs.	7.7 kg / 17.0 lbs.
	Package Weight (kg / lbs)	5.1 kg / 11.2 lbs.	5.7 kg / 12.6 lbs.	9.9 kg / 21.8 lbs.
Power	Power Supply (V)	AC110-120V 60Hz	AC110-120V 60Hz	AC110-120V 60Hz
	Power Consumption (Max) (W)	42	50	110
	Power Consumption (Stand-by) (W)	1	1	1
	Power Consumption (Typical)	32	32	60
Accessory	VESA Wall Mount Support	Yes	Yes	Yes
	Mini Wall Mount Support	No	Yes	No
	Power Cable	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes

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