

SAMSUNG

Samsung **SMART TV** | 

HEALTHCARE SERIES TVs

EVERY PATIENT SHOULD BE SAFE, COMFORTABLE AND WELL-ENTERTAINED

28" Class LED

HG28NC673AF

32" Class LED

HG32NB673BF

32" Class LED

HG32NC693DF

40" Class LED

HG40NC693DF



KEY FEATURES



UL-Listed for Hospital Use

Samsung HG 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™ SINC 3.0 Interactive Content Management System (NC 693 Models)

This IP-based content management solution delivers enhanced HTML and rich text with protocols to communicate between Samsung Interactive TVs and hotel property management software. Facility managers can completely customize the in-room entertainment with EPG (Electronic Program Guide), Weather API, Flight Information and Real Time Messaging, and by unlocking rich content from the Samsung Hospitality Widget Library (Facebook, Twitter, AccuWeather, Google Maps™).



Samsung LYNK™ REACH 3.0 Content Management Solution

The Samsung REACH 3.0 (Remote Enhanced Active Control for Hospitals) Management Solution is used in conjunction with an existing coaxial-based infrastructure. It provides centralized TV controls, basic static content management capabilities and an Interactive Program Guide (IPG). Management will be able to easily update and change information using a Windows®-based system.



SMART TV Offers Interactive Patient Engagement Systems (NC693 Models)

The 32" HG32NC693DF and 40" HG40NC693DF models offer advanced interactive patient engagement systems, which aid in providing maximum patient satisfaction and superior levels of service excellence. 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.

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 HG 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 3.0 management solution makes content management simple. It's the platform that makes everyone feel better. **The New Business Experience**

HEALTHCARE TV SALES:

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

samsung.com/business

samsung.com/healthcare

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THE NEW
BUSINESS
EXPERIENCE

Samsung Healthcare Series TVs

Samsung Hospitality TVs are loaded with features that provide premier guest 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™ SINC 3.0 Interactive Content Management System (NC693 Models)

IP-based solution designed to provide enhanced HTML and rich text, dynamic content management capabilities. Offers EPG (Electronic Program Guide), Weather API, Flight Information and Real Time Messaging. Incorporates use of Samsung Hospitality Widget Library (Facebook, Twitter, AccuWeather, Google Maps). For the hotelier with IP-enabled infrastructure and Samsung's Interactive TVs. The Samsung Hospitality Displays Smart Widget Solution provides you with the ability to deliver customized content to your guests via the TV screen, providing a high degree of customer satisfaction.

Samsung LYNK™ REACH 3.0 Content Management Solution

The Samsung LYNK™ REACH 3.0 (Remote Enhanced Active Control for Hospitals) Management Solution is used in conjunction with an existing coaxial-based infrastructure. It provides centralized TV controls, basic static content management capabilities and an Interactive Program Guide (IPG). Samsung REACH delivers content and information on such topics as your hospital, menus, meetings and events, local attractions, and other simple patient convenience features. Facility managers will be able to easily update and change information using a Windows®-based system.

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 on the property. Saves time and helps provide a consistent viewing experience for all televisions.

CONNECTIONS

AllShare™ Cast

Enjoy your favorite digital content from any of your DLNA - connected Samsung devices. AllShare™ Cast 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. Only on 32" and 40" models

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 (NC693 Only)

Connection to hospital LAN using custom H-browser or Samsung LYNK™ SINC.

Interactive Compatibility System



Remote Jack Panel (RJP) Compatibility



WiFi®

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. Only on 32" and 40" models

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 guests.

Dual Core Processor (NC693 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

Samsung 32" and 40" HG Series TVs feature Full HD, while the 28" model features 1366 x 768 resolution. All TVs also 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.

Samsung Healthcare Series TVs



DIGITAL RIGHTS MANAGEMENT (DRM)

Pro:Idiom™ HD Content Decryption DRM Pro:Idiom

The HG Series is equipped with Pro:Idiom™ MPEG4 technology, making the TVs compatible with most major VOD/PPV systems. You can offer your patients premium HDTV content from cable, satellite or video-on-demand services with no optional cards or external box needed. IPTV-IP Pro:Idiom available with SYNC 3.0 and H-Browser.

Samsung LYNK™ HD Content Decryption (IP/RF) DRM (NC693 Models)

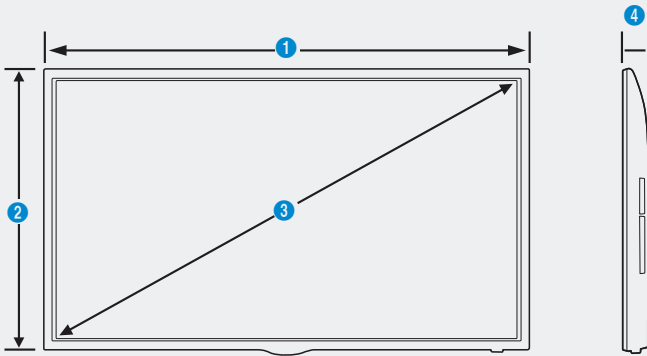


Samsung's software-based DRM technology is integrated into the entire Samsung 2014 Hospital TV line. Samsung LYNK™ offers a robust solution to unlock premium HDTV content from content providers such as cable, satellite and VOD providers, with maximum efficiency and security. IPTV-IP LYNK available with SYNC 3.0 and H-Browser.

Verimatrix™ HD Content Decryption DRM (IP) (NC693 Models) verimatrix

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

Dimensions



28" | HG28NC673AF - 768p | 3000:1 Contrast Ratio

| 1 | 2 | 3 | 4 |
|-------|-------|-----|------|
| 25.3" | 15.6" | 28" | 2.5" |

32" | HG32NB673BF - 768p | 3000:1 Contrast Ratio

| 1 | 2 | 3 | 4 |
|-------|-------|-----|------|
| 28.4" | 16.9" | 32" | 2.6" |

32" | HG32NC693DF - 768p | 5000:1 Contrast Ratio

| 1 | 2 | 3 | 4 |
|-------|-------|-----|------|
| 35.7" | 20.9" | 32" | 2.5" |

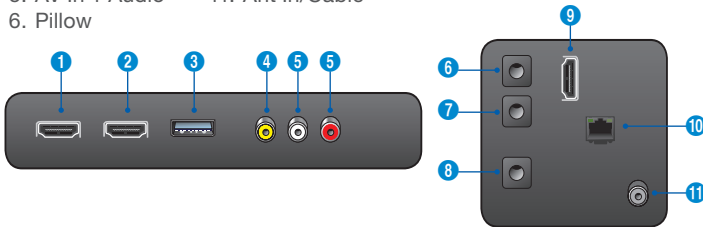
40" | HG40NC693DF - 1080p | 5000:1 Contrast Ratio

| 1 | 2 | 3 | 4 |
|-------|-------|-----|------|
| 43.3" | 16.9" | 48" | 2.6" |

Connectivity

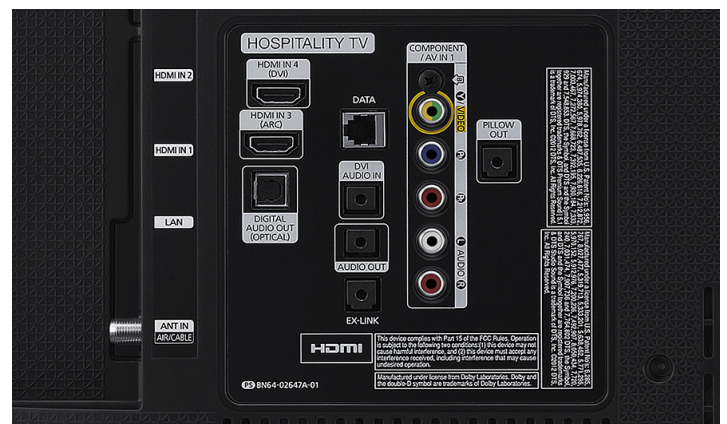
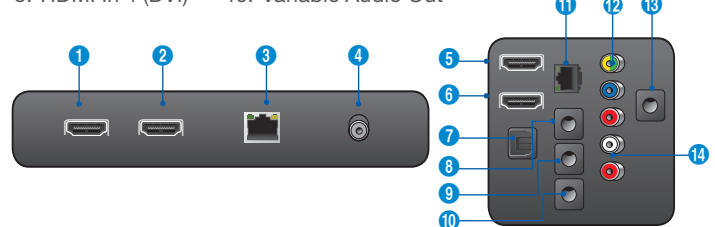
HG28NC673AF / HG32NB673BF

- HDMI In 2
- HDMI In 1
- USB/Cloning
- AV In 1 Video
- AV In 1 Audio
- Pillow
- EX-Link (RS232)
- Audio Out
- HDMI In 3
- RJ-12 Data
- Ant In/Cable



HG32NC693DF / HG40NC693DF

- HDMI In 2
- HDMI In 1
- LAN
- Ant In/Cable
- HDMI In 4 (DVI)
- HDMI In 3 (ARC)
- DVI In Audio
- Audio Out
- EX-Link (RS232)
- Variable Audio Out
- Volume Control
- Component / AV In 1
- Pillow
- Audio



SAMSUNG HEALTHCARE SERIES TVs KEY SPECIFICATIONS For complete product specifications, visit samsung.com/healthcare

| | Model Number | HG28NC673AF | HG32NB673BF | HG32NC693DF | HG40NC693DF |
|---------------------|--|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Display | Backlight | Slim Direct-Lit LED | Slim Direct-Lit LED | Slim Direct-Lit LED | Slim Direct-Lit LED |
| | Screen Size (Diagonal) | 28" | 32" | 32" | 40" |
| | HD/FHD | HD | HD | FHD | FHD |
| | Resolution | 1366 x 768 | 1368 x 768 | 1920 x 1080 | 1920 x 1080 |
| Video | Picture Engine | HyperReal Engine | HyperReal Engine | HyperReal Engine | HyperReal Engine |
| | Micro Dimming | 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 | Dolby MS10 | Dolby MS10 | Dolby MS10 | Dolby MS10 |
| | DTS Studio Sound / DNSe+ | DTS Studio Sound | DTS Studio Sound | DTS Studio Sound | DTS Studio Sound |
| | DTS Premium Sound / DTS Premium Sound 5.1 | DTS Premium Sound 5.1 | DTS Premium Sound 5.1 | DTS Premium Sound 5.1 | DTS Premium Sound 5.1 |
| | 3D Sound | N/A | N/A | N/A | N/A |
| | Auto Volume Leveler | Yes | Yes | Yes | Yes |
| | Speaker Type | Down Firing + Full Range | Down Firing + Full Range | Down Firing + Full Range | Down Firing + Full Range |
| | Sound Output (RMS) | 5W x 2 | 10W x 2 | 10W x 2 | 10W x 2 |
| | Woofer | N/A | N/A | N/A | N/A |
| | Variable Speaker Output | 4W (Mono, 8Ω) | 4W (Mono, 8Ω) | 4W (Mono, 8Ω) | 4W (Mono, 8Ω) |
| Features | Smart Hub | No | No | Yes | Yes |
| | Apps | No | No | Yes | Yes |
| | Web Browser | No | No | Yes | Yes |
| | Samsung SMART View | No | No | Yes | Yes |
| | Wireless LAN Built-in | No | No | Yes | Yes |
| | AllShare - Contents Sharing | No | No | Yes | Yes |
| | AllShare - Screen Mirroring | No | No | Yes | Yes |
| | ConnectShare™ (USB 2.0) | Movie | Movie | Movie | Movie |
| | Wake On LAN | No | No | Yes | Yes |
| | Soft AP | No | No | Yes | Yes |
| | USB HID Support | No | No | Yes | Yes |
| | OSD Language | English, Spanish, French | English, Spanish, French | English, Spanish, French | English, Spanish, French |
| | Digital Clean View | Yes | Yes | Yes | Yes |
| | HDMI 1.4 A / Return Ch. Support (ARC) | Yes | Yes | Yes | Yes |
| | Auto Channel Search | Yes | Yes | Yes | Yes |
| | Auto Power Off | Yes | No | Yes | Yes |
| | EPG | No | Yes | Yes | Yes |
| | Caption (Subtitle) | Yes | Yes | Yes | Yes |
| | Wake-up Timer | Yes | Yes | Yes | Yes |
| | Game Mode | Yes | Yes | Yes | Yes |
| | Picture-In-Picture | Yes | Yes | Yes | Yes |
| | Sleep Timer | Yes | Yes | Yes | Yes |
| Healthcare Features | Hospitality Home Menu | Yes | No | Yes | Yes |
| | Samsung LYNK™ REACH Server Compatibility | Yes | Yes | Yes | Yes |
| | Samsung LYNK™ SINC Compatibility | No | No | Yes | Yes |
| | H.Browser Compatibility | No | No | Yes | Yes |
| | Hospitality Plug&Play (Easy Set-up) | Yes | Yes | Yes | Yes |
| | RJ 12 / IR Pass Through | Yes | Yes | Yes | Yes |
| | Power on Mode | Yes | Yes | Yes | Yes |
| | USB Cloning | Yes | Yes | Yes | Yes |
| | Logo Display with Time Out Setting (BMP/Movie) | Yes | Yes | Yes | Yes |
| | Welcome Message | Yes | Yes | Yes | Yes |
| | Music Mode (Input : PC/AV/Component/HDMI) | Yes | Yes | Yes | Yes |
| | Music Mode BackLight on/off | Yes | Yes | Yes | Yes |
| | Auto Source Mode | Yes | Yes | Yes | Yes |
| | Energy Saving Mode(BLU control) | Yes | Yes | Yes | Yes |
| | Clock Back Up Supply | Yes | Yes | Yes | Yes |
| | Software Clock | Yes | Yes | Yes | Yes |
| | Multi Code Remote Control | Yes | Yes | Yes | Yes |
| | Smovie Compatibility | Yes | Yes | Yes | Yes |
| | Samsung LYNK™ DRM | Yes | Yes | Yes | Yes |
| | Pro:Idiom | Yes | Yes | Yes | Yes |
| Input & Output | HDMI (Side/Rear) | 2/1 | 2/2 | 2/2 | 2/2 |
| | USB (Side/Rear) | 1/0 | 1/0 | 1/0 | 1/0 |
| | Component In (Y/Pb/Pr) (Side/Rear) | No | 0/1 | 0/1 | 0/1 |
| | Composite In (AV) (Side/Rear) | 1/0 (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) (Side/Rear) | N/A | N/A | N/A | 1/0 |
| | Digital Audio Out (Optical) (Side/Rear) | No | 0/1 | 0/1 | 0/1 |
| | Audio Out (Mini Jack) (Side/Rear) | 0/1 | 1/0 | 1/0 | 1/0 |
| | RF In (Terrestrial/Cable input) (Side/Rear) | 0/1 | 0/1 | 0/1 | 0/1 |
| | RS232C | Yes Common Use for Component RJ12) | Yes Common Use for Component RJ12) | Yes Common Use for Component RJ12) | Yes Common Use for Component RJ12) |
| | Pillow Speaker Jack (Side/Rear) | Yes | Yes | Yes | Yes |
| | Variable Audio Out (Side/Rear) | No | No | No | No |
| | Variable Audio Out Volume Control (Side/Rear) | No | No | No | No |
| | RJ12 for External Control (Side/Rear) | 0/1 | 0/1 | 0/1 | 0/1 |
| | RJP Jack (Remote Jack Pack) (Side/Rear) | 0/1 | 0/1 | 0/1 | 0/1 |
| System | DTV Tuner | ATSC / Clear QAM | ATSC / Clear QAM | ATSC / Clear QAM | ATSC / Clear QAM |
| | Analog Tuner | Yes | Yes | Yes | Yes |
| Design | Front Color | Black | Black | Black | Black |
| | Stand Type | N/A | N/A | N/A | N/A |
| | Swivel (Left/Right) | N/A | N/A | N/A | N/A |

SAMSUNG HEALTHCARE SERIES TVs KEY SPECIFICATIONS For complete product specifications, visit samsung.com/healthcare

| | Model Number | HG28NC673AF | HG32NB673BF | HG32NC693DF | HG40NC693DF |
|------------|---|--|---|---|--|
| Dimensions | Set Dimension (WxHxD) (mm / inches) | 643.4 x 396.5 x 62.9 / 25.33" x 15.61" x 2.48" | 721.4 x 428.5 x 64.9 / 28.4" x 16.87" x 2.56" | 721.4 x 428.5 x 64.9 / 28.4" x 16.87" x 2.56" | 906.6 x 532.9 x 65.1 / 35.69" x 20.98" x 2.56" |
| | Package Dimension (WxHxD) (mm / inches) | 815 x 463 x 108 / 32.09" x 18.23" x 4.25" | 899 x 506 x 113 / 35.39" x 19.92" x 4.45" | 899 x 506 x 113 / 35.39" x 19.92" x 4.45" | 1100 x 616 x 120 / 43.31" x 24.25" x 4.72" |
| Weight | Set Weight (kg / lbs.) | 3.7 / 8.16 lbs. | 5 / 11.02 lbs. | 5 / 11.02 lbs. | 7.8 / 17.19 lbs. |
| | Package Weight (kg / lbs.) | 4.8 / 10.6 lbs. | 6.6 / 14.55 lbs. | 6.6 / 14.55 lbs. | 9.4 / 20.72 lbs. |
| VESA | VESA Mount (mm) | 100 x 100 | 200 x 200 | 200 x 200 | 200 x 200 |
| | VESA Screw Size | M4 | M8 | M8 | M8 |
| Power | Power Supply (V) | AC110-120V 60Hz | AC110-120V 60Hz | AC110-120V 60Hz | AC110-120V 60Hz |
| | Multi Voltage | AC110-220V | AC110-220V | AC110-220V | AC110-220V |
| UPC | UPC | 887276689166 | 887276684406 | 887276684406 | 887276684413 |
| Accessory | Remote Controller Model | N/A | N/A | N/A | N/A |
| | Battery (for Remote Control) | N/A | N/A | N/A | N/A |
| | Mini Wall Mount Support | No | Yes | Yes | Yes |
| | Vesa Wall Mount Support | Yes | Yes | Yes | Yes |
| | Power Cable (Hospital Grade) | Yes | Yes | Yes | Yes |
| | Quick Install Guide | Yes | Yes | Yes | Yes |



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For complete product information and accessories, visit samsung.com/business or samsung.com/healthcare

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Samsung Electronics has been named 2013 ENERGY STAR Partner of the Year in the product manufacturing category by the U.S. Environmental Protection Agency (EPA).



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