

SAMSUNG

Elevate the patient experience.

NJ690W SMART Healthcare TV

Keep patients informed and entertained with the Samsung NJ690W series. This 32" QLED healthcare TV can improve patient satisfaction and reduce perceived wait times with engaging media. And the NJ690W is sleek and slim, for easy installation either on a stand or on a wall.

NJ690W Healthcare TV

32" | HG32NJ690WFXZA

HTV Emulator*: HTV-EMULATOR-1



NJ690W Healthcare TV

Key Features



QLED

Impressive QLED for Healthcare

The Samsung NJ690W enables healthcare facility operators to create welcoming environments ready to impress their patients, even when space is limited. Its compact design seamlessly blends into any setting to maximize space, allowing visitors to relax in comfort while enjoying signature QLED quality.



UL-62368 listed for hospital use

Samsung Healthcare Series TVs are specifically engineered to meet the stringent standards required for use in hospital environments. Manufactured in accordance with UL's published and nationally recognized Standards for Safety, Samsung Healthcare Series TVs provide worry-free patient comfort.



Universal pillow speaker interface

NJ690W displays come with an easy-to-use HTV emulator/adaptor designed to be used with multiple styles of pillow speakers.* That means no set-top or set-back box is required, while eliminating the hassle of lost remotes and changing batteries.

*Emulator is included with each TV, but has a separate part number that must be included in your order. (HTV-EMULATOR-1)



Create a personalized welcome

The Home app provides a warm welcome experience for patients. This intuitive, customizable application can incorporate customized welcome messages, as well as healthcare facility logos, branding and other useful information.



See it all on a larger screen

Enable content from patients' mobile devices and your healthcare facility TVs on the same screen at the same time with multi-view. Whether it's live sports stats or video guides for games, patients can connect their phones and see it all.



Samsung LYNK™ DRM HD content decryption

Samsung's software-based DRM technology is integrated into the entire Samsung Healthcare TV line. Samsung LYNK™ DRM offers a robust solution to unlock premium HDTV content from cable, satellite and VOD providers, with maximum efficiency and security.



Embedded H.Browser solution

H.Browser is a fully customizable, IP-based open platform for healthcare display management. H.Browser enables healthcare facilities to deliver customized content and interactive services without the need for Set-Top Boxes.



Pro-Idiom HD content decryption

Pro-Idiom MPEG4 technology makes the NJ690W series TVs compatible with most major VOD/PPV systems.



Additional IP connection

With the NJ690W's ethernet port, patients have the flexibility of connecting a laptop, an OTT streamer or VoIP.



Ultra-sleek and slim, with a host of features

The 3-sided bezel-less design and ultra-slim profile enable optimized room layouts that increase appeal and patient comfort. Other features of the NJ690W include: RJ12 IR Pass-Through, Front Panel Lock-out, Menu Display Lock-out, Channel List Guide, Channel Re-mapping, USB Cloning, Anti-Theft Battery Cover Remote Control and much more.

NJ690W Healthcare TV

Control the Samsung Healthcare TV from a pillow speaker

The included emulator/adaptor box allows seamless control from third-party pillow speakers

- HTV Emulator / Pillow Speaker Adapter Box included with every NJ690W series TV
 - Supports SSCP TV protocol, with direct wired connection
 - Supports analog audio from the TV, either fixed or variable audio outputs
- Compatible with all major pillow speakers¹
 - Works with Curbell, Anacom-Medtek, Crest and others
 - Supports Samsung, legacy Zenith, and Pro:Centric² pillow speaker protocols
 - Supports healthcare system integrator's pillow speakers²
- Select set-top boxes are also compatible with pillow speakers
- Does not require troublesome IR Blaster for TV or set-top box
- No external power supply necessary, powered from the TV's USB port³
- Only 2.2" x 2.2" x 0.7" in size, easily mounts to the back of the TV



¹Pillow speakers must be able to support digital signals, and have a minimum number of buttons to be useful.

²Some keys may not be supported with standard product, but can be added if necessary.

³Some TV models might require an external power supply.

Designed with patients in mind

Pillow speaker compatibility

NJ690W TVs come with an easy-to-use HTV emulator/adaptor designed to be used with multiple styles of pillow speakers. That means no set-top or set-back box is required, while eliminating the hassle of lost remotes and changing batteries.



UL-62368 for hospital use

Our TVs are specifically engineered to meet the nationally recognized Standards for Safety requirements for use in hospital environments. UL-62368 certification requires TV to be placed in a patient room 5 feet away from patient bed.

The value of Samsung SMART TVs

Increased patient satisfaction

Samsung Healthcare TVs come with content decryptions to unlock premium HDTV content. They're compatible with many interactive patient education systems, providing patients the viewing experience they enjoy at home.



Streamlined care

In conjunction with the facility's patient engagement system, caregivers can educate patients faster and more effectively with educational videos and interactive content.

Increased HCAHPS scores

Improving the in-room patient experience leads to higher HCAHPS scores and greater hospital reimbursement.

NJ690W Healthcare TV

DRM

Digital Rights Management (DRM)

Samsung LYNK DRM HD Content Decryption (RF)

Samsung's software-based DRM technology is integrated into the entire Samsung Healthcare 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.



Pro:Idiom DRM HD Content Decryption

The NJ690W 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.

Pro:Idiom™

Glossary

Connections

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.

Management and Patient Convenience

Anti-Theft Battery Cover

Battery door is secured, ensuring batteries remain in the remote controller.

Auto Channel Search

Auto detect channel while in Hotel mode.

Clock On Timer and Alarm Key

Allows patients to program their TVs 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.

Channel List

Master channel listing of program content. This will display content in analog or HD.

Healthcare Facility Logo and Custom Message with Samsung Home App

Easily edit the Home App to display your healthcare logo and custom message.

Plug & Play Mode

Interactive and Stand-Alone modes available.

Lockout Controls

The healthcare facility can enable front panel and menu display lock-outs.

Power On Status Setting

Settings include Power Always On, Last Option or Standby.

On Screen Display Language

Choose English/French/Spanish.

Security for HDMI and USB

You can enable or disable HDMI and USB access. If HDMI is disabled, HDMI source, HDMI-type external channels, and Anynet+ will not be accessible to patients. If USB is disabled, access to USB media is blocked.

Sleep Timer

Allows users 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.

Audio

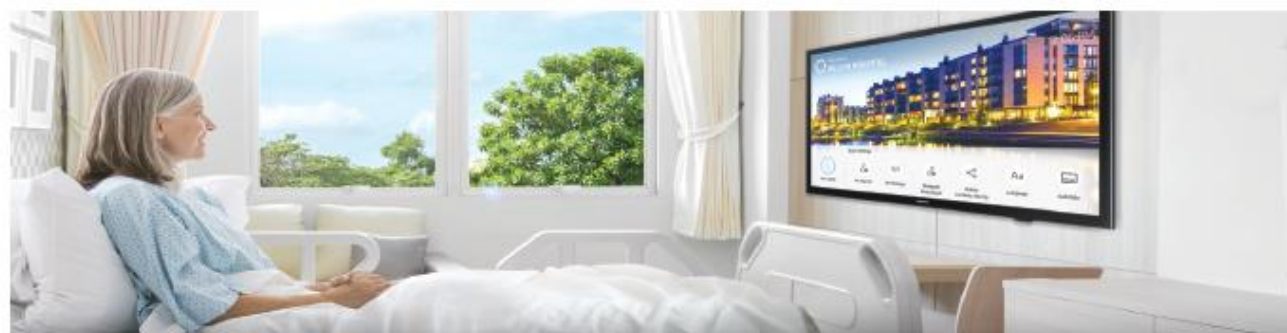
Samsung Soundbar Compatible

Samsung Healthcare 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 patients from changing the settings. With a single remote, guests can control both the TV and Soundbar simultaneously.

Warranty

Healthcare Warranty

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

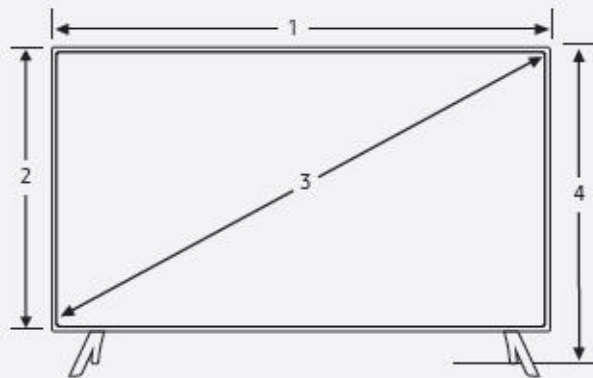


NJ690W Healthcare TV



Dimensions

32" | HG32NJ690WFXZA



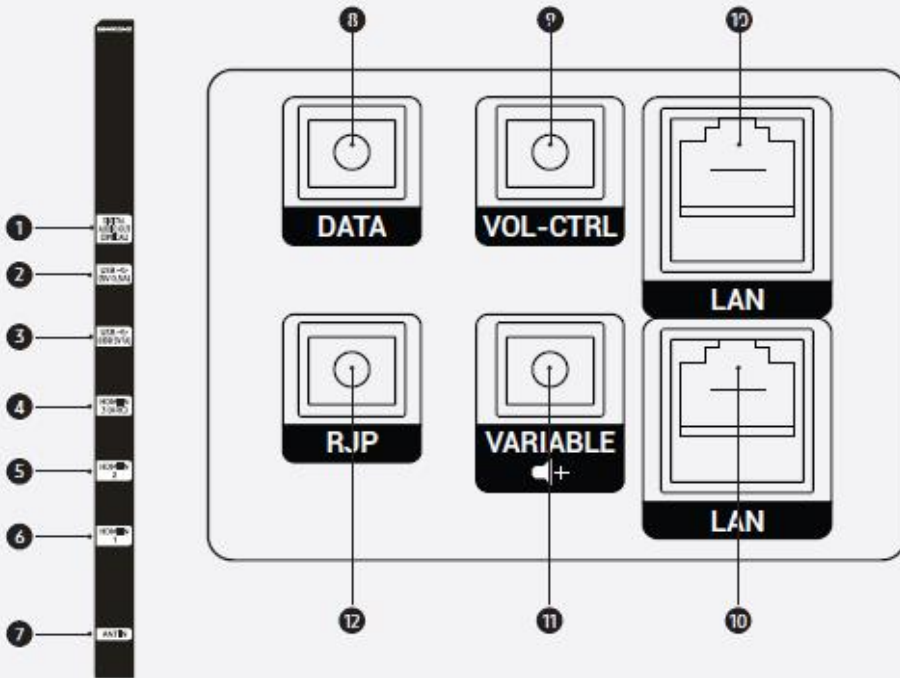
| 1 | 2 | 3 | 4 | 5 | 6 |
|-------|-------|-------|-------|------|------|
| 28.5" | 16.8" | 32.0" | 18.8" | 1.2" | 6.1" |

NJ690W Healthcare TV

Connectivity

HG32NJ690WFXZA

- | | | |
|--------------------------------|--------------|--------------|
| 1. Digital Audio Out (Optical) | 5. HDMI In 2 | 9. Vol-Ctrl |
| 2. USB (5V 0.5A) | 6. HDMI In 1 | 10. LAN |
| 3. USB (HDD 5V 1A) | 7. Ant In | 11. Variable |
| 4. HDMI In 3 (ARC) | 8. Data | 12. RJP |



NJ690W Healthcare TV

Specifications For complete product specifications, visit samsung.com/healthcare

| | | HG32NJ690WFXZA | |
|-------------------------|---|--------------------------------------|------------|
| Display | Backlight | QLED | |
| | Resolution | 1920 x 1,080 | |
| | Screen Size Class (Diagonal) | 32" | |
| Audio | Dolby Digital Plus | Yes | |
| | Sound Output (RMS) | 20W | |
| | Speaker Type | 2CH | |
| | Bluetooth Audio | No | |
| Video | Auto Motion Plus | Yes | |
| | LED Clear Motion | Yes | |
| | Color | 100% Color Volume with Quantum Dot | |
| | Contrast | Mega Contrast | |
| | Contrast Enhancer | Yes | |
| | Film Mode | Yes | |
| | HDR (High Dynamic Range) | HDR | |
| | HLG (Hybrid Log Gamma) | Yes | |
| | Micro Dimming | Micro Dimming Pro | |
| | Natural Mode Support | Yes | |
| | Picture Engine | Quantum Processor Lite | |
| | PQI (Picture Quality Index) | 2100 | |
| | Viewing Angle (H / V) | 178° / 178° | |
| Input and Output | USB (Side / Rear) | 2/0 | |
| | Ethernet (LAN) (Side / Rear) | 1/0 | |
| | Digital Audio Out (Optical) (Side / Rear) | 1/0 | |
| | RF In (Terrestrial / Cable input / Satellite Input) | 1/1 (Common Use for Terrestrial) / 0 | |
| | HDMI A / Return Ch. Support | Yes | |
| | Wi-Fi | Yes (Wi-Fi 2.4) | |
| | Anynet+ (HDMI-CEC) | Yes | |
| | Variable Audio Out | 1 | |
| | Variable Audio Out Volume Control | Yes | |
| | RJ12 | 1 | |
| | Ethernet Bridge (LAN-Out) | 1 | |
| | Features | Accessibility | US English |
| | | Ambient Mode | Yes |
| Auto Channel Search | | Yes | |
| Auto Power Off | | Yes | |
| BT HID Built-in | | No | |
| Caption (Subtitle) | | Yes | |
| Connect Share* (HDD) | | Yes | |
| ConnectShare* (USB 2.0) | | Yes | |
| Digital Clean View | | Yes | |
| EPG | | Yes | |
| IPv6 Support | | Yes | |
| MBR Support | | Yes | |
| OSD Language | | English, Spanish, French | |
| USB HID Support | | Yes | |
| V-Chip | | Yes | |
| Convergence | | Mobile to TV - Mirroring, DLNA | Yes |
| | | 360 Video Player | Yes |
| | 360 Camera Support | Yes | |
| Smart TV | Smart TV Type | Smart | |
| | Web Browser App | Yes | |
| System | Digital Broadcasting | ATSC / ClearQAM | |
| | Analog Tuner | Yes | |

NJ690W Healthcare TV

Specifications For complete product specifications, visit samsung.com/healthcare

| | | HG32NJ690WFXZA |
|---------------------------|--|--|
| Hospitality Features | Energy Saving Mode (BLU Control) | Yes |
| | HLBrowser Compatibility | Yes |
| | Hospitality Home Menu | Home Menu 2017 |
| | Bluetooth Music Player (Mobile → TV) | No |
| | Hospitality Plug & Play (Easy Set-up) | Yes |
| | Hotel Channel List | Yes |
| | Channel Menu Display | Yes |
| | Mixed Channel List (ATSC, DVB-T / T2 / C / S2, Analog) | Yes |
| | My Channel | Yes |
| | Energy Saving Mode (BLU Control) | Yes |
| | Logo Display with Time Out Setting (BMP/Movie) | Yes |
| | Welcome Message | Yes |
| | Auto Source Mode | Yes |
| | Power On Mode | Yes |
| | Pro:Idiom SW | Yes |
| | RI/2/IR Pass Through | Yes |
| | Samsung LYNK DRM | Yes |
| | Security Mode | Yes |
| | S/W EPG (Solution EPG) | Yes |
| | USB Cloning | Yes |
| Smovie Compatibility | Yes | |
| On / Off Timer (Schedule) | Yes | |
| Clock Back Up Supply | Yes | |
| Multi Code Remote Control | Yes | |
| Wake-up Timer (Alarm) | Yes | |
| Design | Stand Type | Slim Feet |
| | Front Color | Black |
| | Bezel Type | VNB |
| VESA | VESA Screw Size | M4 |
| | VESA Screw Depth | 19-22 mm |
| | VESA Mount | 100 x 100 mm |
| Eco | Eco Sensor | Yes |
| Power | Power Consumption (Max) | 70 W |
| | Power Consumption (Standby) | 0.5 W |
| | Power Consumption (Typical) | 31 W |
| | Power Supply (V) | AC110-120V 50/60Hz |
| Dimensions (W x H x D) | Package Dimensions (W x H x D) | 811.0 x 530.0 x 120.0 mm / 31.93" x 20.87" x 4.72" |
| | Set Dimensions with Stand (W x H x D) | 723.3 x 477.7 x 154.2 mm / 28.48" x 18.81" x 6.07" |
| | Set Dimensions without Stand (W x H x D) | 723.3 x 425.6 x 30.3 mm / 28.48" x 16.76" x 1.19" |
| Weight | Package Weight | 7.6 kg / 16.76 lbs |
| | Set Weight with Stand | 5.4 kg / 11.9 lbs |
| | Set Weight without Stand | 5.3 kg / 11.68 lbs |
| Accessory | Power Cable | Yes |
| | Data Cable | Yes |
| | Screwed Battery Cover (Remote Control) | Yes |
| | Quick Install Guide | Yes |
| | Remote Controller Model | TM1240A |
| | Batteries (for Remote Control) | Yes |
| | VESA Wall Mount Supported | Yes |