SAMSUNG

Healthcare Series Hospitality TVs

28"	HG28NE473AFXZA	40"	HG40NF693GFXZA
32"	HG32NE473FFXZA	43"	HG43NF693GFXZA
32"	HG32NF693GFXZA	49"	HG49NF693GFXZA

Sharp, clear, high-definition patient comfort.

NE473/NF693 Series Healthcare TVs

LED TVs designed for today's healthcare industry.

Entertainment can contribute greatly to the comfort of a patient. And in our efforts to make a positive impact on patient outcomes, our Healthcare Series TVs have been designed with hospital-specific features. An interchangeable pillow speaker interface works without the need for an external set-top/set-back box, eliminates the hassle of fumbling with remotes, and also allows adequate listening volume without disturbing others. Samsung Healthcare TVs are compatible with many interactive patient education systems. Patients receive stunning Samsung picture quality, while you receive cost savings from LED technology that uses up to 50% less energy. Facility managers benefit from side-mounted USB ports for convenient set-up, the on-site commercial warranty and business support services. And Samsung's LYNK REACH 4.0 management solution makes content management simple. It's the line of Healthcare TVs that brings comfort to both you and your patients.

Key Features

UL-Listed for Hospital Use
Samsung Healthcare Series televisions are specifically engineered to meet the stringent requirements 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
An easy-to-use interface for multiple styles of pillow speakers is built right into the TV. That means no set-top/set-back box is required, while eliminating the hassle of lost remotes and changing batteries.

Improved H.Browser for more streamlined operations.
Enabled by Tizen, Samsung's H.Browser allows greater flexibility for content development. System integrators have the opportunity to create even smarter solutions.

Samsung LYNK™ REACH 4.0 content management solution.
Samsung's LYNK REACH 4.0 is a complete content management solution that accommodates coaxial, LAN and Wi-Fi infrastructures to amplify hospital management, monitoring and patient service functions. It allows healthcare providers to give patients easy access to educational information, and also keeps patients and their visitors entertained. That can improve patient and guest comfort, and help boost HCAHPS scores.

NE473/NF693 Series 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.

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

Hospital TV RJ45 (NF693 Series)
Connect to hospital LAN using custom H.Browser or Samsung LYNK REACH 4.0.

Interactive Compatibility System

Remote Jack Panel (RJP) Compatibility

Samsung Smart View (NF693 Series)
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.

Wi-Fi® (NF693 Series)
With built-in Wi-Fi, 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.

Digital Rights Management (DRM)

Samsung LYNK™ HD Content Decryption DRM
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. IPTV-IP LYNK available with REACH 4.0 and H.Browser (NF693).

Pro:Idiom™ HD Content Decryption DRM
The Healthcare 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.

Verimatrix™ HD Content Decryption DRM (NF693 Series)
IPTV-IP Multicast DRM is used in conjunction with Samsung H.Browser to unlock premium HDTV content from content providers such as cable and satellite providers.

Management and Patient Convenience

Channel Bank Editor
The Channel Bank Editor lets you control the channels the patients 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.

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.

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
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 and Stand-Alone modes available.

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

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

On Screen Display Language
Choose English/French/Spanish.

Picture-in-Picture (NE493 Series)
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.

Sleep Timer
Allows patients 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.

Picture 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.

HD and FHD Resolution
The NE473 Series TVs feature 1366 x 768 HD resolution (1360 x 768 on 32" model), while the NF693 Series TVs feature 1920 x 1080 FHD resolution. All deliver the sharp, clear, colorful images Samsung is known for.

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

Music Mode Backlight On/Off
Background display.

Premium 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.

Quad Core Processor (NF693 Series)
Quad Core makes multitasking fast. Browse the web quickly. Hospital personnel can easily download apps to the TV.

Warranty

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

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NE473/NF693 Series Dimensions
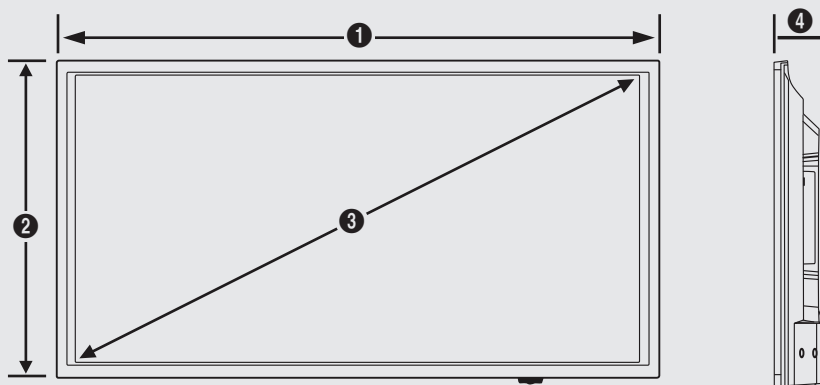
28" | HG28NE473AF – 720p

❶	❷	❸	❹
25.3"	15.6"	28.0"	2.5"

32" | HG32NE473FF – 720p

❶	❷	❸	❹
29.3"	17.4"	31.5"	2.7"

32" | HG43NF693GF – 1080p

❶	❷	❸	❹
29.2"	17.2"	32.0"	2.7"

40" | HG40NF693GF – 1080p

❶	❷	❸	❹
36.3"	20.9"	40.0"	2.9"

43" | HG43NF693GF – 1080p

❶	❷	❸	❹
38.8"	22.6"	43.0"	2.9"

49" | HG49NF693GF – 1080p

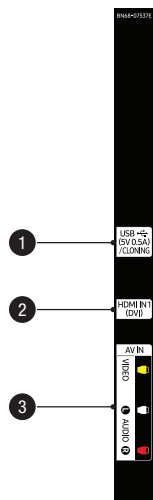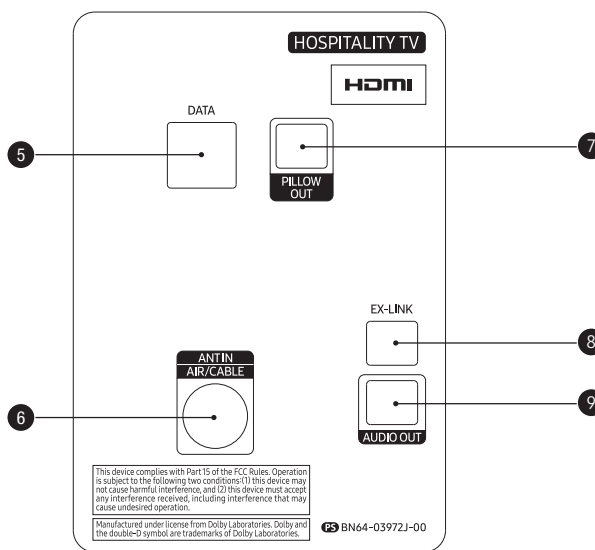| ❶	❷	❸	❹
44.0"	25.6"	49.0"	2.9"

SAMSUNG
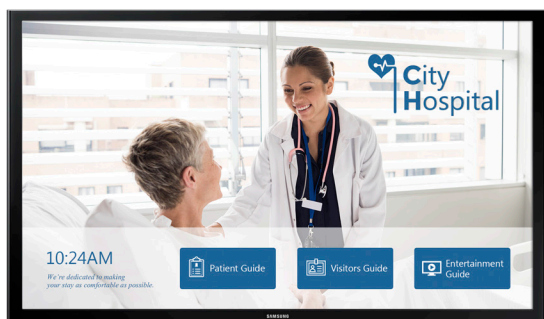
NE473/NF693 Connectivity

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 (RS-232C)
8. Data (RJ12)
9. Ant In (Air / Cable)
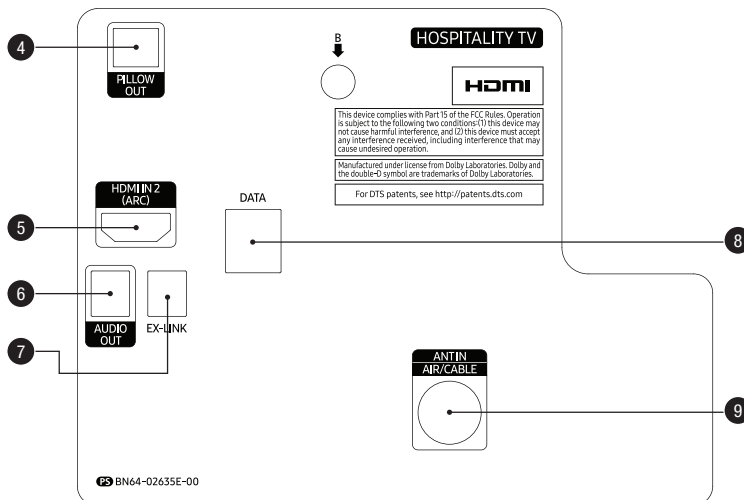
HG32NE473FF

1. HDMI In 2 (DVI)
2. USB (5V 0.5A) / Cloning
3. HDMI In 1 (ARC)
4. AV In (Video, Audio L/R)
5. Data (RJ12)
6. Antenna In (Air / Cable)
7. Pillow Out
8. Ex-Link (RS-232C)
9. Audio Out
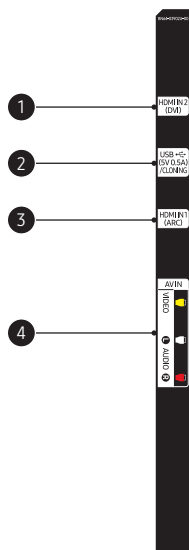
HG32NF693GF / HG40NF693GF / HG43NF693GF / HG49NF693GF

1. Digital Audio Out (Optical)
2. USB (HDD 1.0A) / Cloning
3. HDMI In 3 (ARC)
4. HDMI In 2
5. HDMI In 1
6. LAN
7. Audio Out
8. Ex-Link (RS-232C)
9. Antenna In (Air / Cable)
10. Data (RJ12)
11. Pillow Out
12. Component / AV In
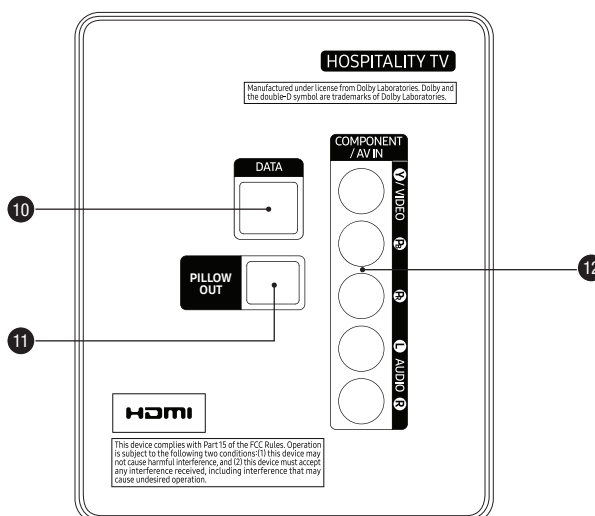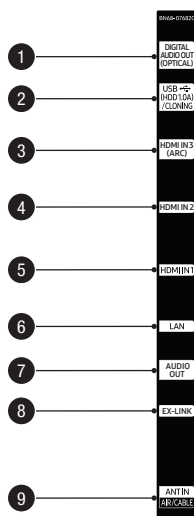
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Samsung Healthcare Series
Hospitality TVs

NE473 Series Key Specifications	For complete product specifications, visit samsung.com/hospitality		
		HG28NE473AFXZA	HG32NE473FFXZA
Display	Backlight	LED	LED
	Screen Size (Diagonal)	28"	32" (31.5")
	w	1366 x 768 (HD)	1360 x 768 (HD)
Video	Picture Engine	HyperReal	HyperReal
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast
	Wide Color Enhancer (Plus)	Yes	Yes
	Film Mode	Yes	Yes
Audio	Dolby Digital Plus	Yes	Yes
	Auto Volume Leveler	Yes	Yes
	Sound Output (RMS)	10W (L:5W, R:5W)	10W (L:5W, R:5W)
	Speaker Type	2CH Down Firing w/Bass Reflex	2CH Down Firing w/Bass Reflex
VESA Standard	VESA Wall Mount (mm)	100 x 100	100 x 100
	VESA Screw Size	M4	M4
Features	Accessibility	Voice Guide	Voice Guide
	ConnectShare™ (USB 2.0)	Yes	Yes
	OSD Language	English, Spanish, French	English, Spanish, French
	Picture in Picture	Yes	Yes
	Digital Clean View	Yes	Yes
	Auto Channel Search	Yes	Yes
	Auto Power Off	Yes	Yes
	EPG	Yes	Yes
	Caption (Subtitle)	Yes	Yes
	Game Mode	Yes	Yes
	Sports Mode	Yes	Yes
System	Digital Broadcasting	ATSC/Clear QAM	ATSC/Clear QAM
	Analog Tuner		
Hospitality Features	Samsung LYNK™ REACH (RF)	REACH 4.0	REACH 4.0
	Samsung LYNK™ DRM (RF)	Yes	Yes
	Hospitality Home Menu	Home Menu 2015	Home Menu 2015
	Hospitality Plug&Play (Easy Setup)	Yes	Yes
	Auto Source Mode	Yes	Yes
	Power On Mode	Yes	Yes
	Hotel Channel List	Yes	Yes
	Channel Menu Display	Yes	Yes
	Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes
	Energy Saving Mode (BLU Control)	Yes	Yes
	Logo Display with Timer Out Setting (BMP / Movie)	Yes	Yes
	Welcome Message	Yes	Yes
	RJ12 / IR Pass Through	Yes	Yes
	Clock Back Up Power Supply	Yes	Yes
	Software Clock	Yes	Yes
	Multi Code Remote Control	Yes	Yes
	Sound Bar Compatibility	Yes	Yes
	Music Mode (Input: PC / AV / Component / HDMI)	Yes	Yes
	Music Mode Backlight On / Off	Yes	Yes
	USB Cloning	Yes	Yes
	Smoovie Compatibility	Yes	Yes
	On / Off Timer (Schedule)	Yes	Yes
	Wake-up Timer (Alarm)	Yes	Yes
	Pro:Idiom (RF)	Yes	Yes
	Security Mode	Yes	Yes
	S/W EPG (Solution EPG)	Yes	Yes
Healthcare Features	UL Certification	Yes	Yes
	Pillow Speaker Interface	Yes	Yes
Input & Output	HDMI (Side / Rear)	1/1	2/0
	USB (Side / Rear)	1/0	1/0
	Composite In (AV) (Side / Rear)	1/0	1/0
	Audio Out (Mini Jack / LR) (Side / Rear)	0/1	0/1
	RF In (Terrestrial / Cable input / Satellite Input) (Side / Rear)	0/1	0/1
	Ex-Link (RS232C) (Side / Rear)	0/1	0/1
	HDMI A / Return Ch. Support	Yes	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes
	Pillow Speaker Jack (Side / Rear)	0/1	0/1
	RJ12 (Side / Rear)	0/1	0/1
	RJP Jack (Remote Jackpack) (Side / Rear)	0/1	0/1
Design	Front Color	Black	Black
Dimensions (W x H x D)	Set Size Without Stand - Wall Mount Side (W x H x D) (mm / in.)	643.4 x 396.5 x 49.1 / 25.3" x 15.6" x 1.9"	745.4 x 442.2 x 69 / 29.4" x 17.4" x 2.7"
	Package Size (W x H x D) (mm / in.)	815.0 x 463.0 x 108.0 / 32.1" x 18.2" x 4.3"	903.0 x 538.0 x 137 / 35.6" x 21.2" x 5.4"
Weight	Set Weight without Stand (kg / (lbs)	3.8 kg / 8.4 lbs	4.3 kg / 9.5 lbs
	Package Weight (kg / lbs)	5.1 kg / 11.2 lbs	6.5 kg / 14.3 lbs
Power	Power Supply (V)	AC 110-120V 50/60Hz	AC 110-120V 50/60Hz
	Power Consumption (Max) (W) / (Stand-by) (W) / (Typical)	42 / 1 / 32	60 / 0.5 / 28
Accessory	VESA Wall Mount Support	Yes	Yes
	Mini Wall Mount Support	No	No
	Power Cable	Yes	Yes
	Quick Install Guide	Yes	Yes

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NF693 Key Specifications
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		HG32NF693GFXZA	HG40NF693GFXZA	HG43NF693GFXZA	HG49NF693GFXZA
Display	Backlight	LED	LED	LED	LED
	Screen Size (Diagonal)	32"	40"	43"	49"
	Resolution	1920 x 1080 (FHD)	1920 x 1080 (FHD)	1920 x 1080 (FHD)	1920 x 1080 (FHD)
Video	Picture Engine	HyperReal	HyperReal	HyperReal	HyperReal
	Dynamic Contrast Ratio	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast
	Wide Color Enhancer (Plus)	Yes	Yes	Yes	Yes
	Film Mode	Yes	Yes	Yes	Yes
	Natural Mode	Yes	Yes	Yes	Yes
Audio	Dolby Digital Plus	Yes	Yes	Yes	Yes
	Sound Output (RMS)	10W (L:5W, R:5W)	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
	Bluetooth Audio	Yes	Yes	Yes	Yes
SMART TV	Smart TV Type	Smart	Smart	Smart	Smart
	Mobile to TV - Mirroring, DLNA	Yes	Yes	Yes	Yes
	Samsung SMART View	Yes	Yes	Yes	Yes
	Wired TV On - Samsung WOL	Yes	Yes	Yes	Yes
	Web Browser	Yes	Yes	Yes	Yes
VESA Standard	VESA Wall Mount (mm)	100 x 100	200 x 200	200 x 200	200 x 200
	VESA Screw Size	M4	M8	M8	M8
	VESA Screw Depth (mm)	20.9-21.9	20-21	20-21	20
Features	Accessibility	Voice Guide / Enlarge / High Contrast / Multi-Output Audio	Voice Guide / Enlarge / High Contrast / Multi-Output Audio	Voice Guide / Enlarge / High Contrast / Multi-Output Audio	Voice Guide / Enlarge / High Contrast / Multi-Output Audio
	Processor	Quad Core	Quad Core	Quad Core	Quad Core
	ConnectShare™ (HDD)	Yes	Yes	Yes	Yes
	ConnectShare™ (USB 2.0)	Yes	Yes	Yes	Yes
	Soft AP	Yes	Yes	Yes	Yes
	OSD Language	English, Spanish, French	English, Spanish, French	English, Spanish, French	English, Spanish, French
	BT HID Support	Yes	Yes	Yes	Yes
	USB HID Support	Yes	Yes	Yes	Yes
	V-Chip	Yes	Yes	Yes	Yes
	Digital Clean View	Yes	Yes	Yes	Yes
	Auto Channel Search	Yes	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes	Yes
	EPG	Yes	Yes	Yes	Yes
	Caption (Subtitle)	Yes	Yes	Yes	Yes
	Game Mode	Yes	Yes	Yes	Yes
System	Digital Broadcasting	ATSC/Clear QAM	ATSC/Clear QAM	ATSC/Clear QAM	ATSC/Clear QAM
	Analog Tuner	Yes	Yes	Yes	Yes
Hospitality Features	Samsung LYNK™ HMS Compatibility	Yes	Yes	Yes	Yes
	H. Browser				
	Samsung LYNK™ REACH (IP) / Samsung LYNK™ REACH (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™ DRM (IP) / Samsung LYNK™ DRM (RF)	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
	Pro:Idiom (IP) / Pro:Idiom (RF)	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
	Hospitality Home Menu	Home Menu 2017	Home Menu 2017	Home Menu 2017	Home Menu 2017
	Bluetooth Music Player (Mobile to 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
	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
	Multi Code Remote Control	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
	On / Off Timer (Schedule)	Yes	Yes	Yes	Yes
	Wake-up Timer (Alarm)	Yes	Yes	Yes	Yes
	Security Mode	Yes	Yes	Yes	Yes
	S/W EPG (Solution EPG)	Yes	Yes	Yes	Yes
Healthcare Features	UL Certification	Yes	Yes	Yes	Yes
	Pillow Speaker Interface	Yes	Yes	Yes	Yes
Input & Output	HDMI (Side / Rear)	3/0	3/0	3/0	3/0
	USB (Side / Rear)	1/0	1/0	1/0	1/0
	Component In (Y/Pb/Pr) (Side / Rear)	0/1	0/1	0/1	0/1
	Composite In (AV) (Side / Rear)	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) (Side / Rear)	1/0	1/0	1/0	1/0
	Audio Out (Mini Jack / LR) (Side / Rear)	1/0	1/0	1/0	1/0
	Digital Audio Out (Optical) (Side / Rear)	0/1	0/1	0/1	0/1
	RF In (Terrestrial / Cable input / Satellite Input) (Side / Rear)	1/0	1/0	1/0	1/0
	Ex-Link (RS232C) (Side / Rear)	1/0	1/0	1/0	1/0
	HDMI A / Return Ch. Support	Yes	Yes	Yes	Yes
	HDMI Quick Switch	Yes	Yes	Yes	Yes
	Wireless LAN Built-in	Yes	Yes	Yes	Yes
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes	Yes
	Pillow Speaker Jack (Side / Rear)	0/1	0/1	0/1	0/1
	RJ12 (Side / Rear)	0/1	0/1	0/1	0/1
	RJP Jack (Remote Jackpack) (Side / Rear)	1/0	1/0	1/0	1/0
Design	Front Color	Black	Black	Black	Black
	Bezel	58mm	58mm	58mm	58mm
Eco	Energy Efficiency Class	Yes	Yes	Yes	Yes
	Eco Sensor	Yes	Yes	Yes	Yes
Dimensions (W x H x D)	Set Size without Stand - Wall Mount Side (W x H x D) (mm / in.)	741.0 x 436.2 x 69.0 / 29.2" x 17.2" x 2.7"	922.7 x 531.0 x 72.6 / 36.3" x 20.9" x 2.9"	985.5 x 574.8 x 73.4 / 38.8" x 22.6" x 2.9"	1118.8 x 650.0 x 74.2 / 44.0" x 25.6" x 2.9"
	Package Size (W x H x D) (mm / in.)	928.0 x 528.0 x 147.0 / 36.5" x 20.8" x 5.8"	1111.0 x 643.0 x 161.0 / 43.7" x 25.3" x 6.3"	1180.0 x 674.0 x 161.0 / 46.5" x 26.5" x 6.3"	1336.0 x 757.0 x 171.0 / 52.6" x 29.8" x 6.7"
Weight	Set Weight without Stand (kg / lbs)	4.2 kg / 9.3 lbs	6.8 kg / 15.0 lbs	7.8 kg / 17.2 lbs	9.9 kg / 21.8 lbs
	Package Weight (kg / lbs)	6.7 kg / 14.8 lbs	10.4 kg / 22.9 lbs	11.7 kg / 25.8 lbs	14.7 kg / 32.4 lbs
Power	Power Supply (V)	AC 110-120V 50/60Hz	AC 110-120V 50/60Hz	AC 110-120V 50/60Hz	AC 110-120V 50/60Hz
	Power Consumption (Max) (W) / (Stand-by) (W) / (Typical)	70 / 0.5 / 28	90 / 0.5 / 35	100 / 0.5 / 39	135 / 0.5 / 45
Accessory	VESA Wall Mount Support	Yes	Yes	Yes	Yes
	Wall Bracket and Nut	No	Yes	Yes	Yes
	Power Cable	Yes	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes	Yes

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