

SAMSUNG

Healthcare Series TVs

32"	HG32CF800NFXZA
43"	HG43CU703NFXZA
50"	HG50CU703NFXZA
55"	HG55CU703NFXZA
65"	HG65CU703NFXZA
75"	HG75CU703NFXZA



Healthcare Display

HCU7030 series and HCF8000 Series

Foster a comfortable, patient-centric experience

Modern day hospitals are turning to premium entertainment and infotainment technologies that focus on the patient experience, as well as workflow efficiencies for nursing staff. Samsung's HCU7030 and HCF8000 healthcare series allows for patient-staff connectivity, and gives patients and visitors an experience that makes them feel at home. Equipped with an integrated pillow speaker interface, allowing patients to enjoy clear audio and control of the TV right at their bedside. The displays are UL-certified for safe usage in any hospital or healthcare facility. WebRTC enabled to facilitate secure, real-time communications over the network.

Key features



Crystal Processor 4K

Powerful 4K upscaling delivers any content in up to 4K resolution.



Pro:Idiom™ DRM HD Content Decryption

The HCU7030 and HCF8000 series is equipped with Pro:Idiom MPEG4 technology to offer your patients premium HDTV content from cable, satellite or video-on-demand services with no optional cards or external box needed.



Universal Pillow Speaker Interface

An easy-to-use interface is built right into the TV, to utilize with multiple brands and models of pillow speakers.



UL-Listed for Hospital Use

The Samsung Healthcare Series displays are specifically engineered to meet the stringent requirements for use in hospital environments. They are manufactured in accordance with UL's published and nationally recognized Standards for Safety.



Improved Tizen Enterprise Platform for more streamlined operations.

Samsung's latest Tizen Enterprise Platform allows for greater flexibility for Interactive Patient Care Platform (IPC) solutions, and allows System Integrators to implement the platform without the need for a set-top box.



Samsung's LYNK Cloud Device and Content Management Solution

The HCU7030 and HCF800 are natively compatible with Samsung's LYNK Cloud Solution, allowing IT Managers to control their fleet of displays from virtually anywhere. Premier content management services make it easy to create, schedule and deploy your hospital's information to patients and visitors.

Specifications

Specifications		HCF8000		HCU7030				
		32"	43"	50"	55"	65"	75"	
Model								
Display	Product	QLED	Crystal UHD	Crystal UHD	Crystal UHD	Crystal UHD	Crystal UHD	
	Resolution	1,920 x 1,080	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160	3,840 x 2,160	
Video	Picture Engine	Quantum Processor Lite	Quantum Processor 4K Lite	Quantum Processor 4K Lite	Quantum Processor 4K Lite	Quantum Processor 4K Lite	Quantum Processor 4K Lite	
	Film Mode	Yes	Yes	Yes	Yes	Yes	Yes	
	Picture Clarity	Yes	Yes	Yes	Yes	Yes	Yes	
	HDR (High Dynamic Range)	HDR	HDR	HDR	HDR	HDR	HDR	
	HDR10+	N/A	Support	Support	Support	Support	Support	
	HLG (Hybrid Log Gamma)	Yes	Yes	Yes	Yes	Yes	Yes	
	Contrast	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast	
	Color	100% Color Volume with Quantum Dot	Pur Color	Pur Color	Pur Color	Pur Color	Pur Color	
	Viewing Angle (H/V)	178/178	178/178	178/178	178/178	178/178	178/178	
	Contrast Enhancer	Yes	Yes	Yes	Yes	Yes	Yes	
Audio	Dolby Decoder	Yes	MS12.2CH	MS12.2CH	MS12.2CH	MS12.2CH	MS12.2CH	
	Object Tracking Sound	N/A	OTS Lite	OTS Lite	OTS Lite	OTS Lite	OTS Lite	
	Sound Output (RMS)	20W	20W	20W	20W	20W	20W	
	Speaker Type	2CH	2CH	2CH	2CH	2CH	2CH	
	Bluetooth Audio	Yes	Yes	Yes	Yes	Yes	Yes	
	VESA	VESA Mount	100 x 100 mm	200 x 200 mm	200 x 200 mm	200 x 200 mm	400 x 300 mm	400 x 400 mm
Smart Feature	VESA Screw Size	M4	M8	M8	M8	M8	M8	
	VESA Screw Depth	19-22	20-22	20-22	20-22	20-22	20-22	
	Mobile to TV - Mirroring, DLNA	Yes	Yes	Yes	Yes	Yes	Yes	
General Feature	Sound Mirroring	Yes	Yes	Yes	Yes	Yes	Yes	
	Ambient Mode	Yes	Yes	Yes	Yes	Yes	Yes	
	Voice Guide	US English, Mexico Spanish, Canada French, Finnish, German, Greek, Hungarian, Italian, Norwegian, Polish, Portugal Portuguese, Romanian, Slovak, Swedish, Czech, Danish, Dutch, Korean	Yes	Yes	Yes	Yes	Yes	
	Auto Channel Search	Yes	Yes	Yes	Yes	Yes	Yes	
	Auto Power Off	Yes	Yes	Yes	Yes	Yes	Yes	
	Caption (Subtitle)	Yes	Yes	Yes	Yes	Yes	Yes	
	Connect Share™	Yes	Yes	Yes	Yes	Yes	Yes	
	EPG	Yes	Yes	Yes	Yes	Yes	Yes	
	OSD Language	English, Spanish, French	English, Spanish, French	English, Spanish, French	English, Spanish, French	English, Spanish, French	English, Spanish, French	
	V-Chip	Yes	Yes	Yes	Yes	Yes	Yes	
	IPv6 Support	Yes	Yes	Yes	Yes	Yes	Yes	
	System	Digital Broadcasting	ATSC/ClearQAM	ATSC/ClearQAM	ATSC/ClearQAM	ATSC/ClearQAM	ATSC/ClearQAM	ATSC/ClearQAM
		Analog Tuner	Yes	Yes	Yes	Yes	Yes	Yes
	Hospitality Feature	Samsung LYNK™ Cloud	Yes	Yes	Yes	Yes	Yes	Yes
TEP		Yes	Yes	Yes	Yes	Yes	Yes	
Hospitality Plug&Play (Easy Set-up)		Yes	Yes	Yes	Yes	Yes	Yes	
Power On Mode		Yes	Yes	Yes	Yes	Yes	Yes	
Hotel Channel List		Yes	Yes	Yes	Yes	Yes	Yes	
Channel Menu Display		Yes	Yes	Yes	Yes	Yes	Yes	
Mixed Channel List (ATSC, DVB-T/ T2/C/S2, Analog)		Yes	Yes	Yes	Yes	Yes	Yes	
My Channel		Yes	Yes	Yes	Yes	Yes	Yes	
Energy Saving Mode (BLU Control)		Yes	Yes	Yes	Yes	Yes	Yes	
Multi-code IR		Ready (Extra Accessory RCU Needed)	Ready (Extra Accessory RCU Needed)	Ready (Extra Accessory RCU Needed)	Ready (Extra Accessory RCU Needed)	Ready (Extra Accessory RCU Needed)	Ready (Extra Accessory RCU Needed)	
USB Cloning		Yes	Yes	Yes	Yes	Yes	Yes	
Wake-up Timer (Alarm)		Yes	Yes	Yes	Yes	Yes	Yes	
Samsung LYNK™ DRM		Yes	Yes	Yes	Yes	Yes	Yes	
Pro:Idiom™		Yes	Yes	Yes	Yes	Yes	Yes	
UL Certification For Hospital Usage		Yes	Yes	Yes	Yes	Yes	Yes	
Security Mode		Yes	Yes	Yes	Yes	Yes	Yes	
Input and Output		USB	2	2	2	2	2	2
	Ethernet (LAN)	1	1	1	1	1	1	
	Digital Audio Out (Optical)	1	1	1	1	1	1	
	RF In (Terrestrial/Cable Input/ Satellite Input)	1/1 (Common Use For Terrestrial)/0	1/1 (Common Use For Terrestrial)/0	1/1 (Common Use For Terrestrial)/0	1/1 (Common Use For Terrestrial)/0	1/1 (Common Use For Terrestrial)/0	1/1 (Common Use For Terrestrial)/0	
	Ex-Link (Supports RS-232C Gender)	Supports Stereo Jack to RS232 Adapter	Supports Stereo Jack to RS232 Adapter	Supports Stereo Jack to RS232 Adapter	Supports Stereo Jack to RS232 Adapter	Supports Stereo Jack to RS232 Adapter	Supports Stereo Jack to RS232 Adapter	
	HDMI A/Return Ch. Support	eARC/ARC	eARC/ARC	eARC/ARC	eARC/ARC	eARC/ARC	eARC/ARC	
	WiFi	Yes (WiFi5)	Yes (WiFi5)	Yes (WiFi5)	Yes (WiFi5)	Yes (WiFi5)	Yes (WiFi5)	
	Anynet+ (HDMI-CEC)	Yes	Yes	Yes	Yes	Yes	Yes	
	Pillow Speaker Jack Input jumper pin	1/8 (3.5mm) 3-conductor stereo phone pin	1/8 (3.5mm) 3-conductor stereo phone pin	1/8 (3.5mm) 3-conductor stereo phone pin	1/8 (3.5mm) 3-conductor stereo phone pin	1/8 (3.5mm) 3-conductor stereo phone pin	1/8 (3.5mm) 3-conductor stereo phone pin	
	RJ12/IR Pass Through	Yes	Yes	Yes	Yes	Yes	Yes	
Design	Front Color	Black	Black	Black	Black	Black	Titan Gray	
	Bezel Type	VNB	3 Bezel-less	3 Bezel-less	3 Bezel-less	3 Bezel-less	3 Bezel-less	
Eco	Eco Sensor	Yes	Yes	Yes	Yes	Yes	Yes	
	Power Supply (V)	AC110-120V 50/60Hz	AC110-120V 50/60Hz	AC110-120V 50/60Hz	AC110-120V 50/60Hz	AC110-120V 50/60Hz	AC110-120V 50/60Hz	
Power	Power Consumption (Max)	70 W	125 W	140 W	145 W	195 W	250 W	
	Power Consumption (Stand-by)	0.5 W	0.5 W	0.5 W	0.5 W	0.5 W	0.5 W	
	Power Consumption (Typical)	31W	52 W	63 W	68.9 W	81.9 W	94 W	
Dimension	Display Dimensions (W x H x D)	723.3 x 477.7 x 154.2 mm / 28.5 x 18.8 x 6.1 in.	963.9 x 558.9 x 59.6 mm / 37.9 x 22 x 2.3 in.	1,116.8 x 644.2 x 59.9 mm / 44 x 25.4 x 2.4 in.	1,230.5 x 707.2 x 59.9 mm / 48.4 x 27.8 x 2.4 in.	1,449.4 x 830.3 x 59.9 mm / 57 x 32.7 x 2.4 in.	1,673.2 x 958.2 x 59.9 mm / 65.9 x 37.7 x 2.4 in.	
	Package Dimension (W x H x D)	811 x 530 x 120 mm / 32 x 20.9 x 4.7 in.	1,081 x 670 x 143 mm / 42.6 x 26.4 x 5.6 in.	1,264 x 780 x 150 mm / 49.8 x 30.7 x 5.9 in.	1,386 x 843 x 158 mm / 54.6 x 33.2 x 6.2 in.	1,606 x 963 x 184 mm / 63.2 x 37.9 x 7.2 in.	1,840 x 1,118 x 198 mm / 72.4 x 44 x 7.8 in.	
Weight	Display Weight	5.4 kg / 11.9 lbs	8.1 kg / 17.8 lbs	11.4 kg / 25.1 lbs	13.9 kg / 30.6 lbs	20.6 kg / 45.4 lbs	30.4 kg / 67 lbs	
	Package Weight	7.6 kg / 16.8 lbs	11.6 kg / 25.6 lbs	15.8 kg / 34.8 lbs	19.2 kg / 42.3 lbs	28.3 kg / 62.4 lbs	41.5 kg / 91.5 lbs	
Accessory	Remote Controller Model	TM2140A	TM2140A	TM2140A	TM2140A	TM2140A	TM2140A	
	Power Cable	Yes	Yes	Yes	Yes	Yes	Yes	
	Quick Install Guide	Yes	Yes	Yes	Yes	Yes	Yes	
	Data Cable	Yes	Yes	Yes	Yes	Yes	Yes	

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