SAMSUNG

Healthcare Display

HCU7030 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 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, Samsung's HCU7030 series allows 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 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 is 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

Model		43"	50"	55"	65"	75"
Display	Product	Crystal UHD	Crystal UHD	Crystal UHD	Crystal UHD	Crystal UHD
	Resolution	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 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
	Picture Clarity	Yes	Yes	Yes	Yes	Yes
	HDR (High Dynamic Range)	HDR	HDR	HDR	HDR	HDR
	HDR10+	Support	Support	Support	Support	Support
	HLG (Hybrid Log Gamma)	Yes	Yes	Yes	Yes	Yes
	Contrast	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast	Mega Contrast
	Color	Pur Color	Pur Color	Pur Color	Pur Color	Pur Color
	Viewing Angle (H/V)	178/178	178/178	178/178	178/178	178/178
	Contrast Enhancer	Yes	Yes	Yes	Yes	Yes
Audio	Dolby Decoder	MS12 2CH	MS12 2CH	MS12 2CH	MS12 2CH	MS12 2CH
	Object Tracking Sound	OTS Lite	OTS Lite	OTS Lite	OTS Lite	OTS Lite
	Sound Output (RMS)	20W	20W	20W	20W	20W
	Speaker Type	2CH	2CH	2CH	2CH	2CH
	Bluetooth Audio	Yes	Yes	Yes	Yes	Yes
Vesa	VESA Mount	200 x 200 mm	200 x 200 mm	200 x 200 mm	400 x 300 mm	400 x 400 mm
	VESA Screw Size	M8	M8	M8	M8	M8
	VESA Screw Depth	20-22	20-22	20-22	20-22	20-22
Smart Feature	Mobile to TV - Mirroring, DLNA	Yes	Yes	Yes	Yes	Yes
	Sound Mirroring	Yes	Yes	Yes	Yes	Yes
	Ambient Mode	Yes	Yes	Yes	Yes	Yes
General Feature	Voice Guide	US English, Mexico Spanish, Canada French, Finnish, German, Greek, Hungarian, Italian, Norwegian, Polish, Portugal Portuguese, Romanian, Slovak, Swedish, Czech, Danish, Dutch, Korean				
	Auto Channel Search	Yes	Yes	Yes	Yes	Yes
	Auto Power Off	Yes	Yes	Yes	Yes	Yes
	Caption (Subtitle)	Yes	Yes	Yes	Yes	Yes
	Connect Share™	Yes	Yes	Yes	Yes	Yes
	EPG	Yes	Yes	Yes	Yes	Yes
	OSD Language	English, Spanish, French	English, Spanish, French	English, Spanish, French	English, Spanish, French	English, Spanish, French
	V-Chip	Yes	Yes	Yes	Yes	Yes
	IPv6 Support	Yes	Yes	Yes	Yes	Yes
System	Digital Broadcasting	ATSC/ClearQAM	ATSC/ClearQAM	ATSC/ClearQAM	ATSC/ClearQAM	ATSC/ClearQAM
	Analog Tuner	Yes	Yes	Yes	Yes	Yes
Hospitality Feature	Samsung LYNK™ Cloud	Yes	Yes	Yes	Yes	Yes
	TEP	Yes	Yes	Yes	Yes	Yes
	Hospitality Plug&Play (Easy Set-up)	Yes	Yes	Yes	Yes	Yes
	Power On Mode	Yes	Yes	Yes	Yes	Yes
	Hotel Channel List	Yes	Yes	Yes	Yes	Yes
	Channel Menu Display	Yes	Yes	Yes	Yes	Yes
	Mixed Channel List (ATSC, DVB-T/T2/C/S2, Analog)	Yes	Yes	Yes	Yes	Yes
	My Channel	Yes	Yes	Yes	Yes	Yes
	Energy Saving Mode (BLU Control)	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)
	USB Cloning	Yes	Yes	Yes	Yes	Yes
	Wake-up Timer (Alarm)	Yes	Yes	Yes	Yes	Yes
	Samsung LYNK™ DRM	Yes	Yes	Yes	Yes	Yes
	Pro:Idiom™	Yes	Yes	Yes	Yes	Yes
	UL Certification For Hospital Usage	Yes	Yes	Yes	Yes	Yes
	Security Mode	Yes	Yes	Yes	Yes	Yes
Input and Output	USB	2	2	2	2	2
	Ethernet (LAN)	1	1	1	1	1
	Digital Audio Out (Optical)	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
	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
	HDMI A/Return Ch. Support	eARC/ARC	eARC/ARC	eARC/ARC	eARC/ARC	eARC/ARC
	WiFi	Yes (WiFi5)	Yes (WiFi5)	Yes (WiFi5)	Yes (WiFi5)	Yes (WiFi5)
	Anynet+ (HDMI-CEC)	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
	RJ12/IR Pass Through	Yes	Yes	Yes	Yes	Yes
Design	Front Color	Black	Black	Black	Black	Titan Gray
	Bezel Type	3 Bezel-less	3 Bezel-less	3 Bezel-less	3 Bezel-less	3 Bezel-less
Eco	Eco Sensor					
Power	Power Supply (V)	AC110-120V 50/60Hz	AC110-120V 50/60Hz	AC110-120V 50/60Hz	AC110-120V 50/60Hz	AC110-120V 50/60Hz
	Power Consumption (Max)	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
	Power Consumption (Typical)	52 W	63 W	68.9 W	81.9 W	94 W
Dimension	Display Dimensions (W x H x D)	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 x32.7 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)	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	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	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
	Power Cable	Yes	Yes	Yes	Yes	Yes
	Quick Install Guide	Yes	Yes	Yes	Yes	Yes
	Data Cable	Yes	Yes	Yes	Yes	Yes

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