

CinemaVision 20/20 Audio/Video System

Transforming the patient's MRI experience, the CinemaVision 20/20 Audio/Video patient comfort MR system is a versatile and state-of-the-art entertainment system interface. An update to the CinemaVision system, It provides multiple forms of audio/video entertainment inputs while offering two-way communication and dramatically reducing MRI gradient noise to the patient. The CV 20/20 transport patients to a breathtaking world of immersive entertainment by combining digital higher resolution video and symphonic-quality audio. Offering the ultimate in patient ease, Treat your patients to the highest quality multi-media experience and enjoy top-of-the-line performance!



Tablet Interface Remote

KEY FEATURES		SPECIFICATION	
Tablet Interface Remote		(see photo above)	
Inputs		HDMI USB	
Control room Camera		2MP HD webcam in order for the patient to see the person in the control room.	
Two Way AV Communication		Allows patient and technologist live video feed of each other while communicating.	
System Speakers		Integrated into the Universal Interface control system (optional: Bluetooth speaker)	
Alert Mode		When headset patient alert button is activated the controller alerts tech with flashing alarm lights and sound	
Controls		Three Knobs	Twist/Turn knob (Volume)
		Left	Controls Patient Microphone
		Middle	Controls Headset Audio
		Right	Control Room Audio
System Status Indicators		Tablet provides an easy to recognize system status	
Power Save mode		System enters sleep mode after 2 hours (default) of inactivity.	
Input Power		110/250 VAC 50/60 Hz	
Display Format		Panel Display Interface Display	
Talk Button		Large center rotating knob has integrated center push button for communication with patient.	
Microphone		Integrated Microphone for communication with patient	
Microphone Frequency Response		50 Hz to 16 kHz	
Microphone Sensitivity		-43 dB min	
Weight		3.5 lbs. (1.57 kg)	
CV 2020 Visor			
Compatible Head coils		Nova coil & Siemens 32 Channel Head coil	
Resolution		1920 x 1080p	
Field of View		30°	
Corrective lenses		Build in Focus adjustment (independent to each eye)	
Display type		Stereoscopic with 3D capability	
Eyetracking Capability		Built-In: Eyetracking: positioned on Left Eye Eyetracker Camera: 375 FPS Image capture: Black and White	

Earbud Headset	
Speaker Frequency Range	1 kHz to 20 kHz
Harmonic Distortion	≤1%
Passive noise cancellation	30db
Max SPL @ 10cm, Max Volume	86 dB
Volume Control	Adjustable via Tablet Interface Remote and Headset “Y” adapter
Dynamic Range	100 dB throughout 22kHz bandwidth
Headband	Extendable, Non-Magnetic
Headset Accessories	Disposable Ear-tips
Ear tip Material	Polyurethane expanding memory foam
Alert Button	RTC logo on “Y” Adapter junction of headset
Headset Cord Length	12 feet [3657.6mm]
Headset Connection	4X or DB9, Non-Magnetic, Fully Shielded