

4K p6C



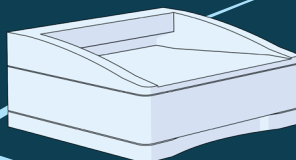
MVR450

Medical Video Recorder 4K

USB (PTZ) Camera Interface¹



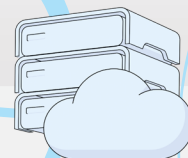
USB Endoscope Interface¹



Universal Printer Compatibility²



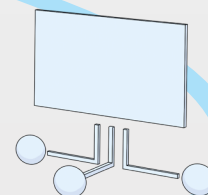
Archive & Send to PACS/EHR



Access to Patient Worklist



Streaming & Sharing



Medical Imaging Made Easy™

Unique Features



Device Manager

Browse and review patient files. Zoom in, take snapshots, cut video. You can add notes, report in PDF, print and archive.



Device Security

Includes an automatic video repair feature. With user authentication and log histories it protects against data hacking.



Multiple Storage Options

Our exclusive storage options include internal storage, PACS³, NAS and USB media.



API For Integrators

Ideal for APIs to control devices and integrate external overlays.

Combine MVR450 with MTS156 Monitor



Enables intuitive, immediate control of MVR450 recording functions with a 15.6" USB-powered touchscreen monitor. Designed for surgical environments with easy cleaning and VESA mounting.

¹Please check with MediCapture for known compatible cameras and devices

²This device can connect with most network-based printers

³Upgrade package option

⁴Subject to changes without notice

⁵For more languages visit www.medicapture.com/support

⁶Install the MVR Remote App on your Android smartphone or tablet

MediCapture MVR REMOTE App⁶



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MVR450 Specifications⁴

Device Type	Medical Video Recorder
Case & Buttons	Aluminium Alloy Case, VESA100 on bottom, Stainless Steel Buttons (Fluid Resistant)
Video Connections (Accepted Input signals)	2 selections of: HDMI 4K, DisplayPort 4K, USB camera 4K, SDI up to 12G-SDI
Recording Resolution	3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768 (AK4K for 4K Recording is pre-activated)
Video Recording Format	MP4: H.264 / HEVC H.265 High Efficiency Video Coding
Image format	JPG / PNG
Audio Input (Sound recording)	MIC-in (low level), 3.5mm Mono TS (2-pin), USB Microphone. Line-in 1Vpp, 3.5mm Stereo TRS (3-pin), HDMI
Audio Output	Integrated Speaker. LINE-out 1Vpp, 3.5mm Stereo TRS (3-pin). Headset Output: 3.5mm Stereo TRS (3-pin)
Internal Storage	HDD 2TB (Larger internal storage by order)
External Storage	USB drives (flash drives or hard drives), FAT32 / NTFS / exFAT
USB Support	USB3.0, Super speed, 1 front connector, 2 rear connectors, 1x USB-C on rear.
Remote	3.5mm mini jack. Compatible with standard footswitches (not included) and closed-contact camera triggers
LAN	RJ-45, Ethernet, max 2.5 GB/s
Mechanical (w x d x h)	Dimensions w x h x d: 185 x 60 x 220.3 mm (7.3 x 2.4 x 8.7")
Weight	1.75 kg (3.85 lbs)
Ingress protection	IP40
Power	AC 100-240V, 0.6-0.3A, 50/60Hz
Box Contents	MVR450 recorder, USB flash drive, HDMI cable, DisplayPort cable, 12G-SDI cable (BNC), Split Remote Cable Adapter, Audio cable M-M, Audio cable M-F, Network Patch Cable RJ45, Power cable, Rubber Feet (4x1) (2), Information for Use (English ⁵)
Compliance and Certification	EN 60601-1 - Medical Equipment Safety EN 60601-1-2 - EMC, EN IEC 63000:2018 - Restriction of hazardous substances CE (MDR 2017/745/EU), UKCA, WEEE, RoHS, FCC, GDPR and HIPAA compliant.
Classification	Class I Equipment / Mode of operation: continuous No AP/APG. No Applied Part
Order Numbers	MVR450: Medical Video Recorder (4K p60) MTS156: Monitor with Touchscreen (15.6")
Order Numbers for Options	AKDICOM : DICOM Upgrade Package
Bundled Options Available	Contact MediCapture for details.

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