



™ Simple  
Connected  
Powerful



## MVR 4K

### The Next Generation 4K Recording & Archiving Solution

MVR 4K is a compact and powerful Medical Video Recorder capable of recording in 4K p60.

Combined with our 15.6-inch medical grade monitor with touchscreen\*, it enables the fluent use of our embedded MediCapture Smart Workflow. You can edit, report and share video footage instantly.

With the DICOM Upgrade Package<sup>1</sup>, you can easily retrieve patient information and transfer studies to PACS.



#### ■ Designed for the OR:

The modular concept and small size are ideal for limited spaces. It also eliminates operational boundaries, as you can control the MVR 4K solution in any optimal location within the OR. With Multi-Input 4K Recording, you can now record the OR environment by using a 4K USB camera, together with your surgeries.

#### ■ Full Patient Workflow:

The MVR 4K solution comes with full patient workflow, including a DICOM Upgrade Package<sup>1</sup> option for easy and fast retrieval of patient information and transfer of studies to PACS or NAS.

#### ■ Simple to Use:

Simply connect your MVR 4K solution to your surgical camera and you will benefit from MediCapture's Smart Workflow. No training is needed. You can handle your workflow with the swipe of a finger -- just like a smartphone.

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 user authentication, historical logs to protect against data hacking and Automatic Video Repair function.



## Multiple Storage Options:

Our exclusive storage options include PACS, NAS and USB media.



## Multi-Input 4K Recording

Benefit from parallel or picture-in-picture recording in the OR with a 4K USB camera and 4K surgical camera.



\*The MTS156 is a slim medical grade 15.6" Touch Screen Control Monitor, which is USB-powered and easy VESA mount capability.

# MVR 4K Specifications<sup>2</sup>

<b>Device Type</b>	<b>Medical Video Recorder</b> Records video and still images from medical video sources to network, internal or USB storage (Exports to PACS in DICOM <sup>1</sup> format)
<b>Case/Buttons</b>	Stainless steel, Fluid resistant
<b>User Interface</b>	Overlay on external touchscreen monitor
<b>User Interface</b>	1x HDMI 2.1 DisplayPort and DVI (with adapter), 4K-SDI with MVC Pro SDI to HDMI (optional) <sup>3</sup>
<b>Video Outputs</b>	1x HDMI 2.1, max resolution 8K60 1x USB Type-C, DisplayPort 4K60 DVI (with adapter)
<b>Video Input Resolutions</b>	3840x2160p60/50/30/25 1920x1200p60, 1080p60/50/30/25, 1080i60/50, 1280x1024p60/50, 720p 60/50
<b>Video Recording Resolutions</b>	3840x2160, 1920x1200, 1920x1080, 1280x1024, 1280x720
<b>Video Recording Bitrates</b>	MP4 / coding H.264 up to 64 Mbit/s (3840x2160p60), MP4 / coding HEVC (H.265) reduces bitrate by 50%
<b>Image Format</b>	JPG, PNG
<b>Sound Recording</b>	Audio In: Mic (3,5mm, 2 poles TS), Line (3,5mm 3 poles TRS), USB Mic
<b>Audio embedded in video</b>	Audio output: Line (3,5mm, 3 poles TRS), Headset (3,5mm, 3 poles TRS)
<b>Internal Storage</b>	1TB (SSD) Solid State Drive
<b>External Storage</b>	USB flash and hard drive (FAT32, NTFS, exFAT)
<b>Network Storage</b>	Up to 2.5 Gbit/s. PACS in DICOM <sup>1</sup>
<b>USB Support</b>	USB Type-A: 1 Front & 2 Rear Ports  Full USB Type-C / DisplayPort : 1 Rear Port Serves as Display Port output to MTS156 Monitor (Control & Power)  USB camera is available on all ports
<b>Trigger / Footswitch</b>	3,5mm mini jack. Compatible with standard footswitches (not included) and closed-contact camera triggers
<b>Remote Control</b>	API for integrators, MVR Remote App <sup>4</sup>
<b>Printing</b>	Network printers, USB printing (Sony UP-DR80MD)
<b>Mechanical</b>	Dimensions (WxDxH): 160 x 150 x 40mm (6,3 x 5,9 x 1,6") Weight: 1,1 kg / 2.4 lbs
<b>Environmental</b>	Storage: -40°C to +85°C Operating: -20°C to +40°C
<b>Power</b>	12V 3A DC by external power supply. Power supply: AC 100-240V, 50-60Hz, 0.4-0.2A, C14 inlet connector
<b>Certifications</b>	IEC 60601-1-:2005+A1:2012+A2:2020 / EN 60601-1:2006+A1:2013+A2:2021 (Ed 3.1), IEC/EN 60601-1-2 (Edition 3.2), EN 60601-1-6:2010+A1:2015, EN 50581:2012, MDR 2017/745/EU (CE), FCC Part 15 - Class B, Class 1 Equipment according to US-FDA and MDR (EU), UKCA, RoHS3 / WEEE / ISO 13485:2016

**Order Number MVR435:** Medical Video Recorder (4K p60) USB Flash Drive, HDMI Cable, Adapter DisplayPort to HDMI, Split Remote Cable Adapter, External Power Supply, Power Cable, Rubber Feet (4), User Guide (English)<sup>5</sup>

**MTS156:** Monitor with Touchscreen (15.6")

**Order Numbers for Options AKDICOM :** DICOM Upgrade Package

<sup>1</sup>Upgrade package option

<sup>2</sup>Subject to changes without notice

<sup>3</sup>Check camera compatibility with MediCapture

<sup>4</sup>Install the MVR Remote App on your Android smartphone or tablet

<sup>5</sup>For more languages visit [www.medicapture.com/support](http://www.medicapture.com/support)

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