



The MED-AS402 video recorder is dedicated design to integrate with medical devices for video recording during operation or diagnosis. It supports high quality video of 4K@60 video input and output to display over HDMI, Display Port & DVI-D. The video from medical devices such as endoscope, X-Ray system, ultrasonic, da vinci surgery ...etc. exports to monitor and recording to build in hard disk in recorder simultaneously. This medical recorder supports real time display and recording and comply with medical criteria for fulfill medical application.

PANELS



Front View



RS-232 Display Port USB 2.0 LAN Headphone

Rear View

FEATURES

- 4K@60 UHD+ video are able to be recorded in build in hard disk when playing the video from medical devices
- Recording video format of H.264 & H.265 to offer high quality video recording with optimized storage file capacity
- Video source preview supported
- CE/FCC/EN60601-1/UL-60601-1 Certification to fulfill medical application

SPECIFICATIONS

Interfaces

Input Port	1 x HDMI (Type A) 1 x SDI 1 x DVI-D
Output Port	1 x HDMI (Type A) 1 x DVI-D 1 x Display Port 1 x Audio L/R out (3.5mm stereo jack)
USB 2.0	4
USB 3.0	6
LAN	2 x LAN
Control	1 x RS-232

Video

Resolutions		
Maximum Input	HDMI	4096 x 2160@60
	SDI/DVI-D	1920 x 1080@60
Maximum Output	HDMI	4096 x 2304@24 Hz
	DVI-D	1920 x 1200@60 Hz
	Display Port	4096 x 2304@60 Hz
Graphic Card Options	GTX1050Ti 4G PCIEX16 DVI+HDMI+DP FHFL GTX 1050 Ti 4G PCIEX16 DisplayPort 1.2** HDMI 2.0b, DL-DVI-I	
Video Options	PCIe x1 (Gen3) 1 GB/s per direction, 1 slot (H110 2*PICex1, Gen2 only) PCIe x4 (Gen3) 4 GB/s per direction, 1 slot (Q170,C236 only) PCIe x8 (Gen3) 8 GB/s per direction, 1 slot (Q170,C236 only) PCIe x16 (Gen3) 16 GB/s per direction, 1 slot (When x8 slot is used, x16 slot only offers x8 bandwidth automatically)	

Audio

Input Signal Types	Mic In (Min in could be configured as "Line in" under Win OS)
Output Signal Types	Line Out

System

CPU	Intel Core i7-7700
Memory	DDR4-2133MHz, 16GB DIMM (MAX. up to 64GB)
Hard Disk Capacity	1T

Power

Power Supply	100 – 240V AC
Power Consumption	500W

Enclosure

Chassis Material	Metal (Steel)
Chassis Color	White
Dimensions (W×H×D)	329.5mm×320mm×145mm [All Inclusive]
Weight	4650g

Certification

Certification	CE, FCC Part 15B, CB IEC/EN60601-1 IEC/EN60601-1-2 UL60601
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Control Interface

1. Worklist

The Worklist interface displays patient information and procedure details. It includes fields for Patient No., Patient Name, Sex, Age, Birthday, Department, Surgeon, and Case Date. There are also dropdown menus for Procedure and Note. Checkboxes for 'environment ready' and 'utility ready' are present. At the bottom, there are buttons for Clear, Create, Edit, History, and Complete.

- ① Case Information
- ② Functions: Clear, Create, Edit, History and Complete

4. Video - tag note



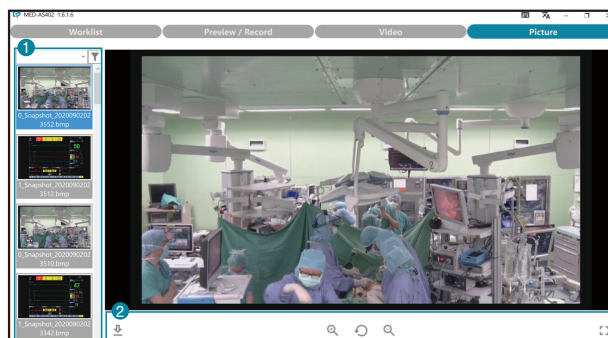
- ① Time tag and memory notes.

2. Preview/Record



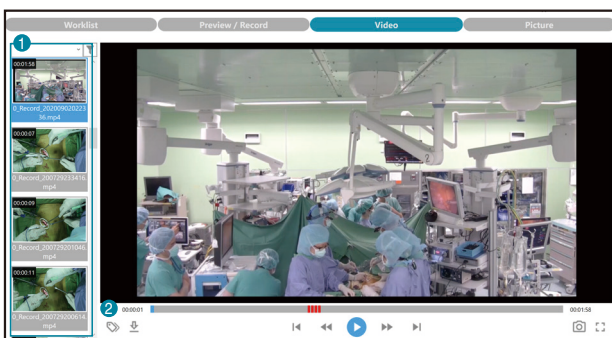
- ① Dual Mode: When 2 or more Capture Cards are found, it will automatically switch to Dual Mode.
- ② Tag Mode: Add tags to the timeline.

5. Picture



- ① Search and Picture List
- ② Functions: Copy, Zoom In, Reset Default, Zoom Out, Full Screen

3. Video



- ① Video List: List of mp4 files under the target path
- ② Functions: Timeline, Tags, Download, Previous, Rewind, Play/Pause, Fast Forward, Next, Snapshot and Full Screen

ORDERING INFORMATION

Model No.	Product Description
MED-AS402	Medical Video Recorder