

Portable Medical Video Recorder

Make Medical Imaging Easy and Simply Brilliant in Pocket

Portable HD MediDVR, a medical grade dual interface full HD Video Recorder, is industry's first and most affordable, standalone, compact and versatile high definition recorder solution. It combines superior image and video quality, extensive easy control, various removable storage medias and a range of innovative features.

It is standalone, internal battery can supply surgical recording up to 5 hours. External medical grade power adapter can be connected for longer recording time or fully charge the battery in 2 hours alone. It is as small as palm that you can take it anywhere.

Portable MediDVR can record high-definition crisp 1080p video from endoscope, arthroscopy, surgical camera, C-Arms, ultrasound etc. Saves extremely clear still images and videos to external USB HDD, USB Flash, SD Card or network. With external HDD, it can record highest quality HD video up to two weeks. Three level record qualities are available. External gain adjustable omni-directional microphone, buzzer and color LED feedback are also available.

Meanwhile, MediDVR supports real time streaming by connecting to the hospital network. It enables the live transmission of procedures to other practitioners or students outside of the operating theater for training or monitoring purposes on PC or iPad/iPhone.

Portable MediDVR is small size, universal and easy operation, no special training is required. It is just plug and play. It has universal video connectivity and compatibility, the dual video input formats enable compatibility and integration with virtually all modern surgical system manufactures. It accepts DVI, HD/3G SDI, and HDMI as well as 1080i50/60 or 1080p50/60. It also has SDI loop output.

The MediDVR can be used in almost unlimited number of situations, the major application is in medical imaging. No longer limited to paper or film-based images, and no longer any need for cumbersome DVD disks. The MediDVR allows you to easily record digital video and images directly to a flash drive or hard drive. You can archive and share your recordings on a secure hospital networks, enhance them with third-party editing programs, etc.

MediDVR is fully certificated for using in any medical environments.



Features:

- ◇ Easily record crisp 1080p video and images
- ◇ 5hr standalone video recording
- ◇ High quality HD video in H.264 or MPEG4 format
- ◇ Still Image Photo and DICOM support
- ◇ Optimized recording for medical applications
- ◇ mp4, mov video format all supported
- ◇ The video formats support most of video edit software
- ◇ Instant replay to preview monitor or LCD
- ◇ Simple to use, no special training required
- ◇ Dual HDMI and SDI input
- ◇ Universal storage, works with all major USB Flash Drive, SD Card, USB HDD
- ◇ Support Full HD video up to 1080p@60fps
- ◇ Both HD and 3G SDI video input supported
- ◇ SDI loop output
- ◇ 3 level gain adjustable Omni-directional microphone
- ◇ Patient information input and management
- ◇ Network supported for live video streaming on any devices
- ◇ Shortcuts to quickly switch video source and storage media
- ◇ Small size, low cost and high quality
- ◇ upgradeable firmware



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Record medical video anywhere and anytime

Power :

Power Adapter : AC 110-240V, 50/60Hz
12VDC 2A, Medical Grade

Video and Photo :

Video Encoder : H.264/HP, MPEG-4/SP
Resolution : 1920x1080@25/30/50/60fps
1280x720@50/60fps
480i/576i, 1080i@50/60
SMPTE 296M/274M/292M,425M/424M
DVI/HDMI all resolution
Bit Rate : Max. 12Mbps/s, 3 level adj.
Frame Rate : 24/25/30fps, 50/60fps
Codec : H.264/MPEG4, mp4/mov file format
Rate Control : CBR/VBR
Photo : Jpeg, DICOM, BMP
Streaming : RTSP

Audio :

Sampling : 16KHz, 16bits
Codec : AAC Stereo
Channels : 2, with Automatic Gain Control
MIC : 2.2VDC Bias, 2.2Kohm, <0.7VRMS
-36dB. MIC gain adj.

Interface :

HD/3G SDI Input : 1x BNC, 75ohm, 800mVpp
DVI Input : via HDMI/DVI adapter or cable
HDMI Input : 1 x TYPE A, Receptacle
Preview : LCD
SDI Loop Output : Loop out HD/3G SDI, 75ohm, 800mVpp
Audio In : 2CH, 2 x 3.5mm Jack, 20Kohm higher
Audio Out : 2CH, 2 x 3.5mm Jack
Network : RJ45, 10/100 Ethernet
Network Stack : RTSP
USB : 3 x USB 2.0
SD : TF/MicroSD
Visible : Color LED
Alert : Buzz
LCD : 2.4" TFT for video preview
Button : Top 2 and side 3 directional

Software :

Firmware : Upgradeable, Linux OS.

Storage :

External : USB Flash Drive, USB HDD, SD
Disk Format : FAT32, up to 2T
*All storage medias not included
*USB 3.0 Flash drive and class 10 TF recommended

Configuration :

Setting : LCD
Menu : Top and side buttons

System requirements (Playback):

- USB 3.0 Interface
- USB 3.0 SDHC Card Reader
- USB 3.0 SATA Reader
- 100 Base-T Ethernet
- Monitor resolution: 1920x1080

Physical and Environment

Size : 102 x 82 x 39mm(4" x 3.2" x 1.2")
Aluminum case
Weight : 320g (11oz)
Operating: 0°C to 45°C(32°F to 113°F)
Storage : -20°C to 60°C(-4°F to 140°F)

Certification

Ongoing

Accessories

Power Adapter
DVI to HDMI Adapter or Cable optional
User Guide
*Accessories is optional and sold separately.



* All specifications are subject to change without notice.
* Accessory supply may be different for different product options.
* Actual object may differ from what you see from the catalog.