HD Portable MegaDVR

Record video and photo anytime and anywhere

The HD Portable MegaDVR, a solid state 1080p Full HD DVR with advanced H264 codec, is one dedicated battery powered SDI/HDMI recorder designed for mobile applications. It is a rugged, easy to use and can record beautiful 1080p video from any HD/3G SDI or HDMI video sources. A single record and photo button makes operation simple and easy with just one click.

It is standalone DVR, internal battery can supply recording up to 5 hours. External 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 MegaDVR can record high-definition crisp1080p video as full frame rate up to 12mbits/s and 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, MegaDVR supports real time streaming by LAN and view on PC or iPad/iPhone. It enables the live video streaming on PC or iPad/iPhone.

Portable MegaDVR 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 accepts DVI, HD/3G SDI, and HDMI an well as 1080i50/60 or 1080p50/60. It also has SDI loop output.

The HD Portable MegaDVR can be used in almost unlimited number of situations, like scientific research, video footage, sports, security surveillance, remote monitoring, spy, car racing, helicopter, bus, TV station and filming etc.

Support Mobile HDD
Rug-
Small
Battery Power
LCD Live Preview
SDI
108

External MIC，Gain Adj.
Up to 12M bit/s
Mp4, mov format
3G SDI/HD SDI
One Button Rec
HDMI/SDI Dual input
Low cost, Easy Operation

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**
◇ **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**

HD Portable MegaDVR

HDMI/DVI/SDI Professional Portable Recorder

Specification

Power :

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

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. 12Mbits/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, <0.7V$_{RMS}$
	-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)

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.