

HD MICRO DVR

Record HDMI/DVI/VGA/YPbPr/CVBS anytime, anywhere

The HD Micro DVR, a solid state 1080p Full HD DVR with advanced H264/MPEG4 codec, is one dedicated battery powered HD Micro DVR designed for mobile video applications. It is a rugged, easy to use camcorder that records beautiful 1080p video from almost any video sources like HDMI, DVI, VGA, YPbPr and CVBS. A single record button makes operation simple and easy with just one click. Even more, you can connect to handy LANC remote control while focusing on your activities. Various record trigger are available for specific application.

There are six level record quality, LQ/EP/LP/SP/HQ/UQ for record options. On board gain adjustable omni-directional microphone, on board charger and buzzer are also available. One full-color LED are used to indicate DVR status.

The HD Micro DVR is the unique Micro DVR on the market, that accepts various high definition video inputs. It enables full range of video connectivity, compatibility to video player, camcorder, PC, DSLR camera, surveillance, medical and industrial videos with best clarity and accurate color. The recorded video can be replayed and output to LCD or YPbPr.

The recorded video files can be imported to any PC via onboard USB or card reader and replayed. A supplied software ExtremeApp can also import, replay recorded videos.

The HD Micro DVR is designed with internal Industrial Lion polymer batteries. It will be charged automatically by on board charger while external power connected. The external power can be swapped with battery any time without the interruption of record operation. It supports standby mode while idle to extend the working time.

HD Micro DVR records the video into crisp 1080p full HD video stream at a full frame rate up to 12Mbits/s.

The HD Micro DVR can be used in almost unlimited number of situations, like Xbox or Play Station record for sharing; record computer monitor for training or demo; record live events such as presentation and training, scientific experiment, medical operation etc.



Features:

- ◆ The smallest and lightest HD Micro DVR on the market
- ◆ Support Full HD inputs of HDMI/DVI/VGA/YPbPr/CVBS
- ◆ Video Bit Rate up to 12Mbps
- ◆ Support both H.264 and MPEG4 video codec
- ◆ Support frame rate 25fps/30fps and 24fps
- ◆ Replay decoder with HD YPbPr output
- ◆ 5 level gain adjustable Omni-direction microphone
- ◆ Unique LANC remote control interface
- ◆ Battery powered for mobile DVR applications
- ◆ Hot swappable external power or Internal Battery
- ◆ On-board battery external charge circuit
- ◆ Low power consumption up to 90 minute recording
- ◆ Record on removable SDHC Card
- ◆ 2.4" TFT LCD for in field setting and preview
- ◆ Real-time Clock, Time/date stamp and OSD
- ◆ Various record trigger events for various applications
- ◆ Motion Detection record supported
- ◆ Rugged aluminum housing
- ◆ upgradeable firmware
- ◆ Light weight only 178g with battery and MicroSD card



HD MICRO DVR

With Universal HDMI/DVI/VGA/YPbPr/CVBS Inputs

Power :

Power Input : 12VDC 2A, 112-240VAC Adapter
Car Cigarette are Optional
Internal Battery : 1x Lion polymer rechargeable battery,
3500mAH
USB : MicroUSB, 5VDC 1.2A
Consumption : 750mA at 5VDC while recording

Video and Photo :

Video Encoder : H.264/AVC Main Profile, MPEG-4
Video Decoder : The same as above
Resolution : 1920x1080@25/30fps
Bit Rate : Max. 12Mbits/s, 6 level adj.
Frame Rate : 24/25fps/30fps
Codec : H264/MPEG4, .avi file format
Rate Control : CBR/VBR
Photo : Jpeg, 1920x1080
Photo Capture : 1/3/5/10 Burst, 2/5/10/30/60 Time-Lapse

Audio :

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

Inputs:

HDMI : 1 x Type C, Receptacle
DVI : HDMI/DVI Adapter or Cable
VGA : 1 x 15-pin D-SUB via
Lock to VGA Jump Cable
YPbPr : 3 x RCA, YPbPr, 75ohm via
Lock Jump Cable
CVBS : 1 x RCA 1Vpp, 75ohm via
Lock Jump Cable

Outputs:

YPbPr : 1x 3.5mm Jack to 3x RCA, 1Vpp, 75ohm

Recording:

Trigger : Button, Power up, LANC Remote
Motion Detection
Motion Detection : 12 areas, 3 level sensitivity
Mode : Normal, Loop

Interface :

AV : 10pin Lock Connector
Memory : SDHC up to 32GB
Micro USB OTG
MIC In : Stereo, Omni-directional
Power : DC 4.2mm O.D. x 1.3mm I.D
MicroUSB
LANC Control : 2.5mm LANC Jack
Button : Record, Power, Directional
Visible : Full-color LED
Alert : Buzz
LCD : 2.4" TFT

Software :

Firmware : Upgradeable, Linux OS.
ExtremeApp : 1.2

Storage :

Micro SDHC : Up to 32GB, class 4 or higher
Hard Disk : External USB HDD, Flash Drive
Disk Format : FAT32

Configuration :

Setting : LCD Menu on board

System requirements (Playback):

- USB 2.0 Interface
- USB 2.0 SDHC Card Reader
- SDHC card interface
- Monitor resolution: 1920x1080

Physical and Environment

Size: 87x70x23.5mm(3.15" x 2.75" x 0.9")
Sand blast black aluminum
Weight: 178g(6.3oz) (Include battery and card)
Temp.: 0°C to 45°C in flow air and shadow

Package

Power Adapter, HDMI Cable, YPbPr Output Cable, One Lock Input Cable are included.

Accessories

Bulled CCD Camera
Hard Wired Power Cable/Car Cigarette Lighter Adapter
Lock Jump Cable

**Accessories is optional and sold separately.

* Only display center part of input video for bigger preview on small LCD

* 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.