

# HD Mega DVR 2U

## Make Video Recoding Easy and Simply Brilliant

The HD MegaDVR 2U, an all interface in one full HD Digital Video Recorder, is industry's most versatile high definition recorder solution. It combines superior image and video quality, all versatile inputs, extensive easy control, various removable storage medias and a rage of innovative features.

MegaDVR can record high-definition crisp 1080p video from any video sources, analog to digital. Saves extremely clear still images and videos to an internal removable HDD, external USB HDD, USB Flash, SD Card or network. With HDD, it can record can record highest quality HD video up to two weeks. Three level record quality is available. On board gain adjustable omni-directional microphone, buzzer and full color LED feedback are also available.

Meanwhile, MegaDVR supports real time streaming by connecting to the Ethernet network. It enables the live video to remote side for training or monitoring purposes.

MegaDVR is small size, universal and easy operation, no special training is required. It is just plug and play. Besides the foot pedals, LANC remote control is also available, it can provide extension cable length and recording status feedback.

MegaDVR has universal video connectivity and compatibility, the multiple video input formats enable compatibility and integration with virtually all legacy and up to date video sources. It accepts a wide range of video interfaces and types: CVBS, YPbPr, DVI, VGA, S-Video, HD/3G SDI, HDMI an well as 1080i50/60 or 1080p50/60. It also has SDI loop output and local DVI preview output.

The MegaDVR can be used in almost unlimited number of situations, CCTV surveillance, industrial imaging, education, training, etc. The MegaDVR 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 Ethernet networks, enhance them with third-party editing programs, etc.



### Features:

- ◇ Easily record crisp 1080p video and images
- ◇ High quality HD video in H.264 or MPEG4 format
- ◇ Simple to use, no special training required
- ◇ Universal interface, works with almost all video interfaces
- ◇ Universal storage, works with all major USB Flash Drive, SD Card, USB HDD and SATA HDD
- ◇ Support Full HD up to 1080p@60fps
- ◇ Video Bit Rate up to 12Mbps
- ◇ HD/3G SDI input supported
- ◇ DVI preview output and SDI loop output
- ◇ 3 level gain adjustable Omni-direction microphone
- ◇ Still Image Photo
- ◇ Unique LANC remote control interface
- ◇ Foot pedal supported
- ◇ Internal removable SATA HDD
- ◇ keyboard to input patient data
- ◇ Network supported for live video streaming
- ◇ Real-time Clock, Time/date stamp and OSD
- ◇ Small size and low cost
- ◇ upgradeable firmware



# HD Mega DVR

All Universal Interface in one DVR

## Power :

Power Adapter : AC 100-240V 1A 50/60Hz  
3 prong AC Jack

## 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 425M/295M/274M/296M  
Bit Rate : Max. 12Mbps/s, 3 level adj.  
Frame Rate : 24/25fps/30fps, 50/60fps  
Codec : H.264/MPEG4, .avi file format  
Rate Control : CBR/VBR  
Photo : Jpeg  
Streaming : RTSP, RTMP

## 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  
Component Input : 3x BNC, YPbPr, 75ohm  
VGA Input : 1 x 15 DE via DVI/VGA Adapter  
DVI Input : 1 x DVI-D  
CVB Input : 1 x BNC, 75ohm, 1Vpp  
S-Video Input : 1 x 4pin Mini-DIN  
HDMI Input : 1 x TYPE A, Receptacle  
Preview Output : 1 x DVI-D, Receptacle  
SDI Loop Output : Loop out HD/3G SDI, 75ohm, 800mVpp  
Front MIC In : Mono, Omni-directional  
Back MIC In : 2CH, 2 x 3.5mm Jack, External  
Audio In : 2CH, 2 x 3.5mm Jack, 20Kohm higher  
Audio Out : 2CH, 2 x 3.5mm Jack, 16ohm  
Network : RJ45, 10/100 Ethernet  
Network Stack : RTSP, HTTP  
USB : 3 x USB 2.0, 1 x front, 2 x rear  
LANC Control : 2.5mm LANC Jack  
Foot Pedal : 2 x 3.5mm Jack, 1x Photo, 1 x Video  
Visible : Full-color LED  
Alert : Buzz  
LCD : 2.4" TFT for video preview  
Button : Sealed Membrane

## Software :

Firmware : Upgradeable, Linux OS.

## Storage :

Internal : 2.5" SATA HDD Removable  
External : USB Flash Drive, USB HDD, SD  
Disk Format : FAT32

## Configuration :

Setting : LCD or Network  
Keyboard : External

## System requirements (Playback):

- USB 2.0/3.0 Interface
- USB 2.0/3.0 SDHC Card Reader
- USB 2.0/3.0 SATA Reader
- SDHC card interface
- Monitor resolution: 1920x1080

## Physical and Environment

Size : Standard 2U, depth 17.5cm(6.9")  
Aluminum case  
Weight : 2.9kg (6lb 4.7oz) (No HDD)  
Operating: 0°C to 45°C(32°F to 113°F)  
Storage : -20°C to 60°C(-4°F to 140°F)

## Accessories

- DVI Video Cable
- Power Cord
- DVI to VGA Adapter
- SDI Loop Out Terminator Plug
- MegaDVR User Guide
- \*Foot Pedal
- \*LANC Remote Control
- \*HD/3G Bullet Camera
- \*Accessories is optional and sold separately.



- \* All specifications are preliminary, 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.