



Record Multi-Channel High Resolution Video from Computer and Video Sources

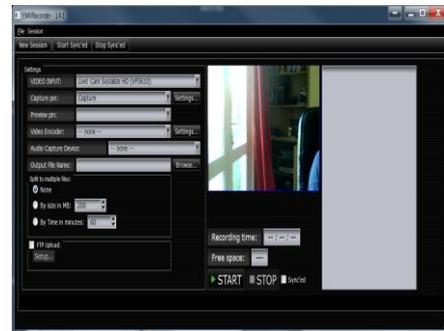
EMV-HDR Record from a variety of sources

- Record Computer Outputs in Full Resolution, DVI / VGA
- Record HDMI**
- Record CV, Y/C, YUV, RGB, SDI & HD-SDI

Multiple Applications

- Record Live Events, Conferences
- Record Medical System Outputs
- Record Video Conference Outputs
- Record Industrial Automation & Plant System Outputs

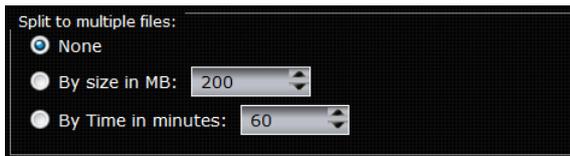
EMV-HDR providing new means of recording high resolution digital outputs from computers, traditionally to record such outputs as video, the computers output would be down scaled to video which resulted in loss of resolution, the other alternative of using screen capture programs resulted in loss of frames which results in the video playback looking jerky. With EMV-HDR these problems are eliminated resulting in high resolution, high frame rate video that can be encoded in a variety of formats.



Single or Multi Channel configurations

For single channel DVI/VGA/HDMI recorder configuration, the PHD-2012 compact 2U system provides high performance and portability, for multi-channel setups our 4U solution can be configured for multiple inputs and increased storage.

Work on Video Files As You Record



EMV-HDR provides an auto file split functions, which allows long record sessions to be recorded as segmented video clips (either by file size or recording time), as soon as a clip is recorded this can be worked upon, allowing easy and fast after event distribution of video content.

Auto FTP

With the EMV-HDR you can set the auto ftp feature and transfer recorded files to remote storage locations, your local recorded files are still kept intact so that you have a built in back up in case of any FTP transfer failure.

Sync Channel Recording

With the multi channel configurations of EMV-HDR, you can link the various inputs to sync record, this is ideal for later playback or editing where you want to playback the channels in sync.



EMV-HDR Configurations

EMV-HDR is available as a single channel recorder configured in a portable 2U frame, a multi channel recorder in a 4U frame or just the software application, allowing self build solutions. EMV-HDR works with most 3rd party capture cards that provide a DirectShow capture filter.

EMV-HDR Input Options

A variety of input option modules are available for use with the EMV-HDR, the X-View input modules have been designed to provide high levels of performance when used with the EMV-HDR application, unlike others, with X-View input modules you can initiate up to 16 concurrent capture instances of each input simultaneously. The XV-RGB-E1s input module is a low profile version suitable for use within compact system frames, all other modules are full height versions.

Input Module	Inputs	Max Resolution
XV-RGB-E1s	1 x DVI/VGA/HDMI/YUV/RGB	1920 x 1080 DVI or 2048 x 1536 Analog
XV-RGB-E2s	2 x DVI/VGA/HDMI/YUV/RGB	1920 x 1080 DVI or 2048 x 1536 Analog
XV-SDI2	2 x HD/SD-SDI inputs with Loop through	SD-SDI (480i/576i) HD-SDI (up to 1080i) 3G-SDI (up to 1080p) 2k Digital Cinema modes (2 x 2048 x 1556 / 24fps)
XV-SD8	8 x CV or Y/C PAL, NTSC, SECAM	P/N/S @ 25/30fps per input
XV-SD4+1	4 x CV & 1 x DVI/VGA/HDMI/YUV	1 x 1920 x 1080 DVI or 2048 x 1536 Analog 4 x P/N/S @ 25/30fps per input
XV-DVI-DL	1 x Dual Link DVI-D	1 x 4K x 4K, Quad-HD (2160p) 24/25/30fps

****Note: HDCP and Audio not supported on HDMI Inputs.**

System Requirements

Basic requirements for EMV-HDR application include:

Windows 7 - 64Bit Ultimate Edition with all service packs and updates to Dot.Net4

12GB DDR3 System RAM, Intel i7 multi core CPU, NVIDIA based GPU with 1GB DDR, 250GB SSD OS Drive, NTFS RAID Drive setup (according to storage requirements using SATA 6GB drives 7,200RPM minimum), Dual Gigabit Ethernet (for FTP)/ Network File Transfers, Validated MB Circa. Asus P6T6WS-PRO.

Built to Order

EMV-HDR Recorder systems are normally built to order, to account for input channel and storage requirements. Please contact us or your local representative for further information.

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