

MEGAPIXEL VIDEO SYSTEM

High Lights:

- **Easy Installation:** Just plug in the supplied power adaptor and connect the cameras using a standard LAN/CAT5 cable
- **Maintenance Free:** No moving parts to stay out door; use only reliable & long lasting components. Will automatically resumes original operation within 15 sec. after black out if no UPS is installed.
- **Reliable:** Special hardware detects brown-outs conditions to disable disk writes to hard drives when power is not stable to prevent hard drive damages.
- **Low Power Consumption:** System with 2 cameras and a 500GB hard drive consumes ~8 watt (powered from 1 CAT5e cable)
- **Always Smooth Video Playback:** Local recording does not consume any system bandwidth available that can cause jerky videos.

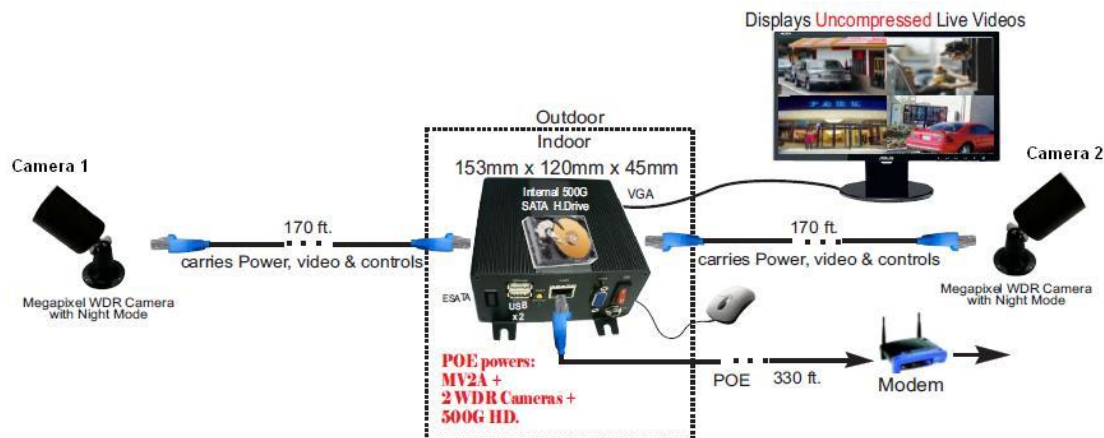
Other Features:

- High Resolution: Supports up to two cameras of 1.0Mp (mega pixel) and 1.5M (see other brochure for cameras)
- The system: The system works like a standalone video recorder. It makes up with an IP camera and a video server as one unit. There is an option for recording by the video server.
- Recording: unlike conventional IP camera which usually sends video to a computer on the network for recording. Our Megapixel Video System (MV2A) records either on the video recorder provided or externally on a disk array.
- Long Distance Connection: Video Server/Recorder can be placed close to the camera or as far as 170ft. The video server/recorder is then connected to router as far as 300 ft.
- Quiet: no fan noise that intruder is unaware of.
- High Resolution: as high as 2032x 1536 pixel recording depends on model
- Push Notification: Instant alarm to your Smartphone including snapshots for Android phone
- Digital zoom with video playback
- Motion Detection: User defined area for recording to extend the length of recording before overwriting
- Smartphone: viewable using Android, iPhone, iPad, Playbook apps

Versatile Setup:

- As IP camera: connects the video server directly to a router and view live video streaming through network or internet.
- As Standalone DVR: the video recorder does not need to be host from a PC, recording can be done internally on the recorder or the use of a USB hard drive. Live video can also be streamed to the internet through a router.
- As Integrated System: multiple units of server/recorder can be connected to a router/switch and can be used like a regular IP network or System network.

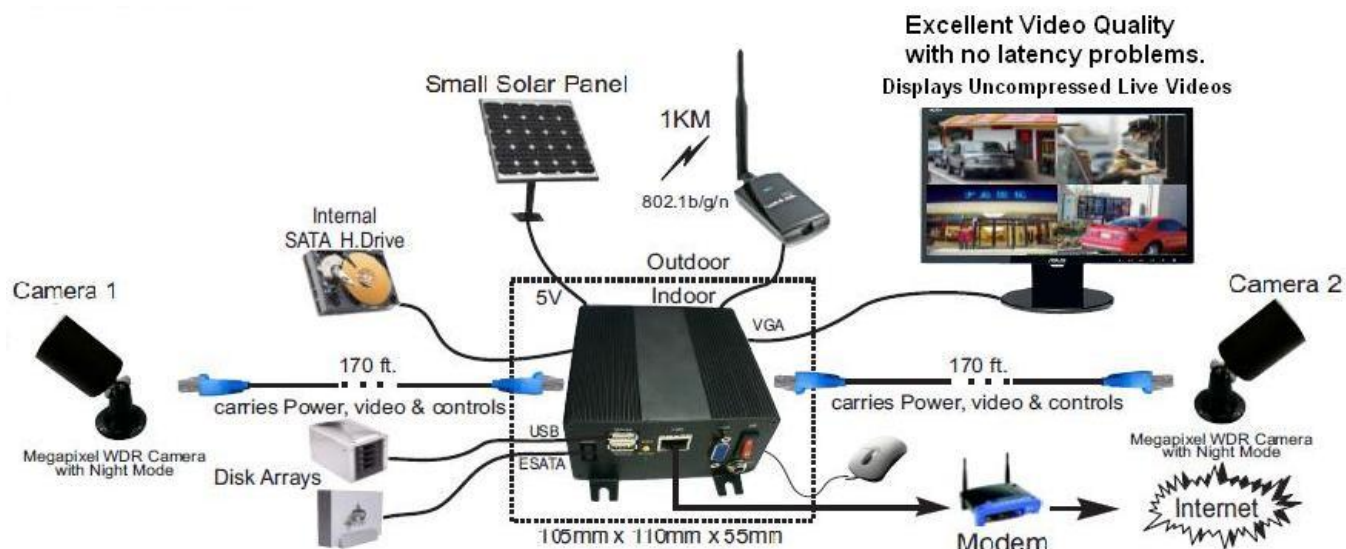
Using Mega Pixel Video Recorder with Internal Storage:



Features and Specifications are subject to change without further notice.

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Using Mega Pixel Video Server with External Storage:



Specification:

Model No.	MVA0	MVA1
Processor	ARM based running Linux	
Video Compression	H.264 and MJPEG	
Video Input	2 x Rj45 connector	
Video Output	1 x VGA@1280 x 1024 1 x RCA NTSC/PAL	
Camera Support	Up to 2 cameras of 1.0 Mp or 1.5 Mp	
Alarm Input	2 x regular alarm 1 x external alarm	
Alarm Output	Optional	
Audio I/O	Optional	
USB ports	1 x for mouse 1 x for external hard drive	
Video Storage Support	1 x external USB hard drive 1 x external ESATA hard drive	1x internal SATA hard drive 1 x external USB hard drive 1 x external ESATA hard drive
Network	10/100 Mbit MAC	
Protocols Supported	TCP/IP, HRRP, DHCP, DNS, RTP/RTSP, PPPoE, STP, NTP, FTP	
Security	AES/DES/3DES SHA-256 Encryption	
Clock Rate	Up to 400 Mz	
Diagnostic Self Test	Hardware watchdog + heart beat	
Supply Voltage	DC 5V or POE (IEEE802.3af)	
Power Consumption	~3 watt w/o hard drive	
Operation range	-20°C – 50°C	
Physical Dimension	120mm x 120mm x 45mm	180mm x 120mm x 45mm

Packaging:

MV2A server/recorder is packaged with a power supply, software and digital manual.
There are choices of mega pixel cameras from VCR Inc.
Internal hard drive maybe installed as per option.

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