

razberi™ MP

ServerSwitch with Embedded VMS



Summary

The razberi™ MP dramatically simplifies and reduces the costs of megapixel video deployment. The razberi™ plug-and-play operation enables installers with minimal network expertise to deploy an IP video system in the same or less time required for a traditional DVR and analog camera deployment.

The razberi™ MP combines the functions of a network video recorder, high powered Ethernet switch, and video management software with “auto setup” features into a single device. The razberi™ automatically provides power (high PoE) and IP addresses, configures cameras for motion detection, and automatically begins recording. For smaller systems, there is no need for installers to source switches, routers, software, and servers. Installers can use multiple razberi™ units within a network to build large systems over long distances with fiber optics using the built-in SFP Combo Uplink Ports.

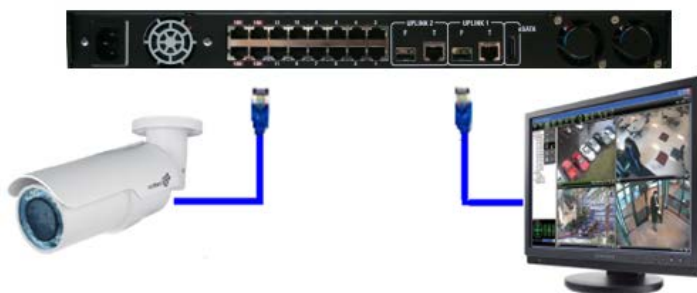
The easy-to-use razberi™ software offers digital zoom, camera tours, PTZ control, and intelligent video searches to quickly retrieve recorded events. There is no software licensing. Automatic software updates offer new software features over the web.

Features

- Embedded PoE Switch (4 and 16 port)
- High PoE (802.3at)
- Gigabit Uplink port – SFP Combo
- e-SATA port for external storage
- Easy and automated installation
- Pre-loaded Razberi Software (Free)
- Embedded Windows 7 Operating System
- Up to 1,000 Megapixels per Second
- Auto camera discovery and configuration
- 3 Year Warranty on Hardware & Software

Simpler than a DVR - Just plug in the camera, and razberi™ does the rest!

- Camera is powered
- Camera receives IP address
- Camera is configured to a default quality profile
- Camera is configured for motion detection
- Camera is configured for motion recording





Specifications

Hardware	RAZ-M4	RAZ-M16
Network	LAN: 4 x 100 Mbps	LAN: 16 x 100 Mbps
	Uplink: (1) Gbps SFP Combo	Uplink: (2) Gbps SFP Combo
Storage	Internal: 500GB or 1TB	Internal: Up to 6 TB
	External: eSATA, NAS	External: eSATA, NAS
Camera Power	PoE: 802.3af (4 ports)	PoE: 802.3af (16 ports)
	High PoE: 802.3at (1 port)	High PoE: 802.3at (4 ports)
	Total Camera Power: 46.5W	Total Camera Power: 149 W
Recording Performance	480 fps @ 1920 x 1080 (2 Megapixel) 320 fps @ 2048 x 1536 (3 Megapixel) 192 fps @ 2592 x 1944 (5 Megapixel)	
VGA Output	1 VGA (DB15)	1 VGA (DB15)
USB 2.0	3	3
Power Supply	48VDC external (included)	100-240VAC
Dimensions (LxWxH)	9 x 7.4 x 1.75 (in)	16.9 x 16.2 x 1.75 (in)
Operating Temperature	0 to 60 C	0 to 60 C
Regulatory	FCC, CE (Class A), CISPR22	FCC, CE (Class A), CISPR22
Safety	Pending	CAN/CSA C22.2 No. 60950-5, UL 60950-1, EN 60950-1, IEC 60950-1
Mounting	Surface, wall mount	Rack (ears included)

Video Management Software (free)

Client PC Requirements	3.x GHz Intel i3 Processor (Intel i3/i7 preferred for display of multiple MP cameras), 3 GB RAM, graphics card with full DirectX 9.0 acceleration and 512MB or greater onboard memory; Windows 7 Pro, XP Pro SP3
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Recording

Event Recording	Triggered by motion detection, external inputs, audio
Scheduled Recording	Individual recording schedules for each camera

Playback (Local and Remote)

Search	Search events and review thumbnails
Playback	Multi-camera playback across 4 cameras
Export	Digital fingerprint applied to exported video

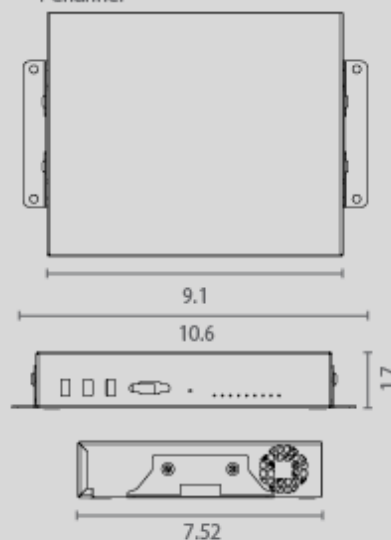
Administration (Local and Remote)

Software Updates	Client: Automatic one-click updates via internet (included)
	Razberi: Unlimited Firmware Updates (included)
Supported Cameras	All razberi megapixel cameras and selected models from Arecont, autoIP, Axis and Vivotek

Model Number	Product	Product Description
RAZ-MP	MP-Series Recorder	4 PoE ports, 500GB
RAZ-M4-1T	MP-Series Recorder	4 PoE ports, 1TB
RAZ-M16-2T	MP-Series Recorder	16 PoE ports, 2 TB
RAZ-M16-4T	MP-Series Recorder	16 PoE ports, 4 TB
RAZ-M16-6T	MP-Series Recorder	16 PoE ports, 6 TB

Dimensions

4 Channel



16 Channel

