

razberi™ A-Series

Professional ServerSwitch Powered by Milestone Arcus



Summary

The razberi™ A-Series ServerSwitch appliances combine the functions of a network video recorder, high powered Ethernet switch, and Milestone Arcus video management software into a single compact appliance. The initial deployment is intuitive and completed within minutes after connecting all devices. Power-on the razberi™ appliance to scan, configure and automatically start recording video from all connected devices.

Features

- Embedded PoE Smart Switch
- High PoE (802.3at)
- Gigabit Uplink ports – SFP Combo
- e-SATA port for External Storage
- Pre- Installed Milestone Arcus software
- Embedded Linux Operating System
- No Software License Fees
- 3 Year Warranty on Hardware



Arcus Software Features

Installation and Configuration

Plug-and-Play deployment is easy and completed within minutes after connecting all devices.

- Scans for supported cameras
- Automatically starts recording
- Web-Based UI for configuration
 - o Video storage dashboard
 - o Camera settings
 - o Motion detection setup
 - o Smart Switch and PoE control
- Software update notifications
- One-Click updates

Recording

Robust recording engine built with Milestone's expertise and reliability.

- Recording modes: Continuous, Motion-based
- Motion detection adjustments (motion level, sensitivity)
- H.264, MPEG-4, MJPEG
- Resolution – depends on camera
- Video Export
- E-mail notification of system events

Web-based Client

Web client requires no plug-ins. Works across multiple browsers and devices (Windows PC, MAC OS).

Live View

- o PTZ control
- o Digital zoom
- o Dynamic bandwidth adaption
- o Restores views at login

Playback

- o Time/Date search
- o Playback controls (speed, forward, backward)
- o Export/Share video

Mobile Apps

The Milestone Arcus mobile applications provide live view and playback features for both iOS & Android.

Camera Support

- ACTi, Arecont, Axis, Bosch, Brickcom, Hikvision, IQinVision, Panasonic, Pelco, Razberi, Samsung, Sony and others.

Hardware Specifications

	RAZ-A4	RAZ-A16	RAZ-A16-I3	RAZ-A16-I7
Processor	Atom D510	Atom D510	Core i3-330E	Core i7-2715QE
Memory	4 GB DDR2	4 GB DDR2	4 GB DDR3	4 GB DDR3
Switch	L2	L2	L2	L2
Switch Frame Buffer	1 Mbit	2 Mbit	2 Mbit	2 Mbit
MAC Address Table	1K entries	16K entries	16K entries	16K entries
Network Ports (PoE)	4 PoE 10/100	16 PoE 10/100	16 PoE 10/100	16 PoE 10/100
Network Ports (Combo SFP)	(1) 10/100/1000	(2) 10/100/1000	(2) 10/100/1000	(2) 10/100/1000
Port Mirroring (Tx/Rx)	Many-to-one	Many-to-one	Many-to-one	Many-to-one
Management	Web-based GUI	Web-based GUI	Web-based GUI	Web-based GUI
Storage (SATA, AV rated)	Up to 1 TB	Up to 8 TB	Up to 8 TB	Up to 8 TB
eSATA Ports	1	1	1	1
PoE (802.3af): 15.4 W	4 ports	16 ports	16 ports	16 ports
High PoE (802.3at): 30W	1 port	4 port	4 port	4 port
Total Camera Power	46.5 W	149 W	149 W	149 W
VGA Output	1 (DB15)	1 (DB15)	1 (DB15)	1 (DB15)
USB 2.0	3	3	3	3
AC Input	100-240VAC 50/60	100-240VAC 50/60	100-240VAC 50/60	100-240VAC 50/60
Dimensions (in)	9 x 7.4 x 1.75	16.9 x 16.2 x 1.75	16.9 x 16.2 x 1.75	16.9 x 16.2 x 1.75
Operating Temperature	0 to 60C	0 to 60C	0 to 60C	0 to 60C
Emission	FCC, CE (Class A)	FCC, CE (Class A)	FCC, CE (Class A)	FCC, CE (Class A)
Safety	UL/cUL (Power Supply)	UL/cUL, CE	cUL, CE	cUL, CE
Mounting	Surface, wall mount	Rack (ears included)	Rack (ears included)	Rack (ears included)

