

razberi™ Arcus ServerSwitch Series

ServerSwitch Appliances Powered by Milestone Arcus



Summary

The razberi™ Arcus 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
- 3 Year Warranty on Hardware
- Pre- Installed Milestone Arcus software
- Embedded Linux Operating System
- Software Licenses Included
- Simple, Web-based User Interface



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
 - Video storage dashboard
 - Camera settings
 - Motion detection setup
 - 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

Web-based Client

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

Live View

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

Playback

- Time/Date search
- Playback controls (speed, forward, backward)
- 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.



More information is available at www.razberi.net.
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Hardware Specifications

	RAZ-A4	RAZ-A8	RAZ-A16-i3	RAZ-A16-i7	RAZ-A24
Network Ports (802.3at PoE)	4 x 10/100	8 x 10/100	16 x 10/100	16 x 10/100	24 x 10/100
Total PoE Output	70 W	70 W	149 W	270 W	270 W
Processor Options	Atom D2550	Core i3-3220	Core i3-330E	Core i7-3770	Core i7-3770 Core i5-3550s
Operating System	Linux				
Memory	4 GB DDR2	4 GB DDR3	4 GB DDR2	8 GB DDR3	8 GB DDR3
Switch	Managed Switch	Managed Switch	Smart Switch	Managed Switch	Managed Switch
Switch Management	Web-based UI				
Switch Frame Buffer	2.75 Mbit	2.75 Mbit	2 Mbit	2.75 Mbit	2.75 Mbit
MAC Address Table	4K entries	4K entries	16K entries	4K entries	4K entries
Network Ports (Combo SFP)	(1) 10/100/1000	(1) 10/100/1000	(2) 10/100/1000	(1) 10/100/1000	(1) 10/100/1000
Port Mirroring (Tx/Rx)	Many-to-one				
Boot Drive	Partitioned	Partitioned	Partitioned	2.5" SATA (500 GB)	2.5" SATA (500 GB)
Storage (SATA, AV rated)	Up to 2 TB	Up to 3 TB	Up to 8 TB	Up to 16 TB (RAID 0/1/5/10)	Up to 16 TB (RAID 0/1/5/10)
HDMI Output	-	1	-	1	1
VGA Output	1 (DB15)				
USB	2 x USB 2.0 2 x USB 3.0	2 x USB 2.0 2 x USB 3.0	3 x USB 2.0	4 x USB 2.0 2 x USB 3.0	4 x USB 2.0 2 x USB 3.0
Input Voltage	External P/S 100-240 VAC 50/60		Internal P/S 100-240 VAC 50/60		
Power Consumption (Min)	80 W	80 W	66 W	100 W	100 W
Power Consumption (Max)	120 W	120 W	215 W	420 W	420 W
Dimensions (L x W x H) (in)	9 x 7.4 x 1.75	9 x 7.4 x 1.75	16.9 x 16.2 x 1.75	17.5 x 16.2 x 1.75	17.5 x 16.2 x 1.75
Operating Temperature	0° to 40°C				
Humidity	10-90%				
Emission	FCC, CE (Class A)				
Safety	UL/cUL (Power Supply)		cUL, CE	UL/cUL (Power Supply)	
Mounting	Surface, wall mount	Surface, wall mount	Rack (ears included)	Rack (ears included)	Rack (ears included)

