

ServerSwitchIQ™ Rugged



The tough, all-in-one, intelligent video surveillance appliance.
Designed to go wherever you need it. Manageable from wherever you are.



FEATURES:

- UL and CE certified intelligent video surveillance recording appliance
- All-in-one server, managed PoE switch and storage
- Fanless-design protects from dirt and dust
- Hardened out-of-the-box
- Fits in standard NEMP IP66 rated enclosure for damp protection
- Razberi Monitor™ health monitoring features
- Razberi CameraDefense™ cybersecurity features
- Extended temperature: -40°C to 60°C (-40°F to 140°F)
- Surge protection for operation with outdoor and industrial cables
- High performance i5-4400E Intel core processor
- Solid state video storage
- PoE Output up to 200W
- Small rugged chassis, standard DIN rail mount



Industry-ready: oil and gas, city surveillance, perimeter and border protection, toll booths, financial and ATM, cell phone towers and more.

Razberi is open and certified with world-class VMS partners



Contact Razberi Technologies for a demonstration or more information at razberi.net

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SPECIFICATIONS:

Razberi ServerSwitchIQ Rugged Specifications

Intelligent Features	Intelligent 8-port Surveillance Appliance Razberi Monitor™ health monitoring Razberi CameraDefense™ automatic camera hardening CylancePROTECT® antivirus and malware protection	Uplinks	2 x 10/100/1000 Mbps Combo SPF 2 x 10/100/1000 Mbps RJ-45
Certifications	UL, cUL, CE, FCC Complies with EN 61000-4 for industrial strength surge protection	Video out	HDMI (3840 x 2160 Max.) VGA (2048 x 1536 Max.)
OS and Processor	Windows 10 Enterprise 2016 LTSB (64 bit) or Windows Server Standard 2012 (optional) i5-4400E Intel Core Processor (Haswell)	USB	4 x USB 3.0
Boot Drive	120GB mSATA (Extended Temperature)	eSATA	Yes
RAID	0/1/JBOD	Voltage Range	48-52VDC (Negative or Positive Ground)
Graphics	Intel HD4600 with Quick Sync Video	Typical Current	6.8A
Switch Control	HTTPS Browser Interface Layer 2 Switching VLAN Management	Humidity	10% to 90% Non-condensing
PoE	IEEE 802.af, IEEE802.at Up to 30W per port (200W Max Total)	Heat Load	287 BTU/hr Max.
Weight	8.6 pounds		

Razberi ServerSwitchIQ Rugged Model-Specific Table

Part Number	PoE Ports	Memory (DDR3)	Video Storage	Operating Temperature	Dimensions (L x W x H)
SSIQ8-R2-i5-8SE	8	8 GB	2 x 4TB MLC Solid State Drive (2.5" SATA 3 Gb/s)	-40°C to 60°C (-40°F to 140°F)	10.2 x 9.5 x 3.5 in; 260 X 241 x 90.5 mm
SSIQ8-R2-i5-4SE	8	8 GB	2 x 1920GB MLC Solid State Drive (2.5" SATA 3 Gb/s)	-40°C to 60°C (-40°F to 140°F)	10.2 x 9.5 x 3.5 in; 260 X 241 x 90.5 mm
SSIQ8-R2-i5-2SE	8	8 GB	2 x 960GB MLC Solid State Drive (2.5" SATA 3 Gb/s)	-40°C to 60°C (-40°F to 140°F)	10.2 x 9.5 x 3.5 in; 260 X 241 x 90.5 mm
SSIQ8-R2-i5-1SE	8	8 GB	2 x 480GB MLC Solid State Drive (2.5" SATA 3 Gb/s)	-40°C to 60°C (-40°F to 140°F)	10.2 x 9.5 x 3.5 in; 260 X 241 x 90.5 mm
SSIQ8-R2-i5-4S	8	8 GB	2 x 1920GB MLC Solid State Drive (2.5" SATA 3 Gb/s)	-20°C to 60°C (-4°F to 140°F)	10.2 x 9.5 x 3.5 in; 260 X 241 x 90.5 mm
SSIQ8-R2-i5-2S	8	8 GB	2 x 960GB MLC Solid State Drive (2.5" SATA 3 Gb/s)	-20°C to 60°C (-4°F to 140°F)	10.2 x 9.5 x 3.5 in; 260 X 241 x 90.5 mm
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Razberi ServerSwitchIQ Rugged Accessories

Accessories Part Number	Description
PSU-R-240	240W DIN Rail Power Supply 52V (120W PoE) - Operating Temperature: -20°C to +70°C
PSU-R-480	480W DIN Rail Power Supply 52V (200W PoE) - Operating Temperature: -20°C to +70°C

Razberi ServerSwitchIQ Rugged Performance Specifications

Recording Datarate (Mbps) ¹	Playback Datarate (Mbps) ¹	Number of Camera Recording Streams ²	Number of Camera Playback Streams ²
300	123	73	30

¹ The specific throughput that can be supported will be dependent on a number of criteria including camera types (resolution, frame rate, etc.), and the VMS software utilized.

² Assumes the use of a typical 2MP camera