IRON LINK
POWERED BY VELASEA

IL-NVRV SERIES

IRON LINK® 1U RACKMOUNT 4-BAY VALUE NVR

PRODUCT OVERVIEW

The IL-NVRV is a purpose-built NVR appliance compatible with Avigilon® video management software featuring preconfigured storage set to RAID 5. Each unit comes preloaded with the VMS on Windows® 10 IoT Enterprise LTSC and supports an optional GPU for enhanced analytics features.

Every IRON LINK® system ships with standard features like iDRAC Enterprise, redundant power supplies, and 5-year NBD on-site support with Keep Your Hard Drive. Optional 5-year, 4-hour mission critical support is also available for a nominal fee.

KEY FEATURES

- Up to 32TB of Raw Storage
- Intel® Xeon® 6 Performance Processor
- Enterprise Class SAS Drives
- Dedicated Hardware RAID Controller
- Windows® 10/11 IoT Enterprise
- Redundant Power Supply
- 5-Year ProSupport NBD On-Site with KYHD







Images displayed are for general reference only and may differ based on build. Product specifications are provided for informational purposes only, and are subject to change, correction, or revision without notice. It is the customer's responsibility to validate product specifications prior to purchase or installation, and to ensure that those specifications are suitable for a particular use. Please refer to velasea.com or contact your sales representative for the latest IRON LINK® products, specs, and upcoming releases. Intel®, Core™, Xeon®, and the Intel® logo are trademarks of Intel Corporation. Microsoft® and Windows® are trademarks of Microsoft Corporation. Avigilon® is a trademark of Motorola Solutions Corporation.

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SYSTEM

Operating System:
Windows® 10/11 IoT Enterprise

Supported CPU:
(1) Intel® Xeon® 6 Performance

Memory Configuration:
16GB (2x 8GB) UDIMM

Embedded Networking:
(2) RJ45 1GbE Ports

Expansion Slots:
(1) PCIe 4.0 x8
(x16 Connector) LP/HL
(1) PCIe 4.0 x8
(x8 Connector) LP/HL

GPU Support:
(1) Single Wide LP/HL

Onboard Management:
iDRAC Enterprise

Security Module:
Trusted Platform Module
(TPM) 2.0

MECHANICAL

Form Factor:
1U Rackmount

Power Supply:
(2) 600W 100-240VAC
Platinum Hot-Swap

Environmental:
Operating Temperature:
50°F ~ 95°F (10°C ~ 35°C)

Non-Operating Temperature:
-40°F – 149°F (-40°C – 65°C)

Operating Rel. Humidity:
10% – 85% (non-condensing)

Non-Operating Rel. Humidity:
10% – 90% (non-condensing)

Dimensions (WxDxH):
17.09” x 20.18” x 1.69”
(434 mm x 513 mm x 43 mm)

Weight:
30 lb (13.61 kg)

Warranty:
5-Year ProSupport NBD
On-Site with KYHD

STORAGE + PORTS

Drive Bays:
(4) Hot-Swap 3.5” SAS

M.2 Slots:
(2) 240GB M.2 SSD (RAID 1)

RAID Controller:
PERC H755 8GB

I/O Ports:
FRONT:
(1) USB 2.0

REAR:
(1) USB 3.0
(1) USB 2.0

Video Outputs:
(1) VGA Port

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