IRON LINK® AiNVR
for Milestone Systems

IL-R228-M SERIES

IRONLINK® 2U RACKMOUNT 28-BAY AI NVR FOR MILESTONE

PRODUCT OVERVIEW

The IL-R228-M is a 28-bay AI-enhanced video surveillance appliance specifically designed for Milestone XProtect®. Powered by the Intel® Xeon® Scalable processor and the Hailo-8 Inferencing Module for high-demand network video surveillance applications, this system is capable of 20+ streams running 40 basic analytics. This NVR supports up to 1.5TB of RAM and 672TB of HDD storage – all in a 2U rackmount chassis. More than an NVR, these appliances offer a low total cost of ownership and leverage Canopy Cloud RMM at no extra cost for remote device management that significantly reduces truck rolls to customer sites, saving time and money.

intel. DELL HAILO CVEDIA Ubuntu Windows

KEY FEATURES

Up to 672TB of Storage

Intel® Xeon® Scalable Processors

Enterprise Class SAS Drives

Powered by the Hailo-8 Inferencing Module

4-Stream Perpetual CVEDIA License Included

Milestone Preloaded and License-Ready

5-Year ProSupport NBD On-Site with KYHD

IRON LINK® | A NVR for Milestone Systems

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SYSTEM

Operating System:
Windows® 10/11 IoT Enterprise
Windows® Server 2019/2022
Standard
Ubuntu® Linux 20/22.04

Supported CPU:
Up to (2) Intel® Xeon® Scalable

Memory Configuration:
(16) RDIMM Slots
Up to 1.5TB DDR5 ECC

Embedded Networking:
(2) RJ45 1GbE Ports

Expanded Networking:
(4)RJ45 1GbE Ports (PCIe LP)
(4)10/25GbE SFP28 Ports(OCP)

Expansion Slots:
(3) PCIe 4.0 x16
(x16 Connector) LP/HL
(1) PCIe 4.0 x4
(x8 Connector) LP/HL

GPU Support:
(1) Single Wide LP/HL

Onboard Management:
iDRAC Enterprise

Security Module:
Trusted Platform Module 2.0

MECHANICAL

Form Factor:
2U Rackmount

Power Supply:
(2) 1400W 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):
18.97" x 32.95" x 3.41"
(482 mm x 837 mm x 86.8 mm)

Weight:
102 lb (46.3 kg)

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

STORAGE + PORTS

Drive Bays:
(28) Hot-Swap 3.5" SAS

M.2 Slots:
(2) M.2 SSD BOSS slots

Supported RAID Levels:
OS M.2 SSD drives: 0, 1
Data drives: 0, 1, 5, 6, 10

RAID Controller:
PERC H755 8GB

AI Accelerator:
(1) Hailo-8 Century 4 Card

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

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

Video Outputs:
(1) VGA Port