IRON LINK® | Ai NVR
for Milestone Systems

IL-R104-M SERIES

IRONLINK® 1U RACKMOUNT 4-BAY AI NVR FOR MILESTONE

PRODUCT OVERVIEW

The IL-R104-M is a 4-bay AI-enhanced video surveillance appliance purpose-built for Milestone XProtect®. Powered by an Intel® Xeon® E processor and the Hailo-8 Inferencing Module for essential enterprise-grade performance, this system is capable of 20+ streams running 40 basic analytics. This NVR supports up to 128GB of RAM and 96TB of HDD storage – all packed into a 1U 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 96TB of Raw Storage

Enterprise Class SAS Drives

Intel® Xeon® E Processor

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

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SYSTEM

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

Supported CPU:
(1) Intel® Xeon® E

Memory Configuration:
(4) UDIMM Slots
Up to 128GB DDR5
ECC/Non-ECC

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 100-240V AC
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):
17.08" 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) 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 2 Card

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

REAR:
(1) USB 3.2
(1) USB 2.0

Video Outputs:
(1) VGA Port