

# IL-R228-AI-M SERIES

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

### PRODUCT OVERVIEW

The IL-R228-AI-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.



HAILO



### 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



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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) 800W 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):

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