

IL-SFFD-M SERIES

IRONLINK® SMALL FORM FACTOR AI NVR FOR MILESTONE

PRODUCT OVERVIEW

The IL-SFFD-M is an AI-enhanced video surveillance appliance purpose-built for Milestone XProtect®. Powered by the latest 14th Gen Intel® Core™ or Core™ Ultra processor and the Hailo-8 Inferencing Module for fast and stable performance, this system is capable of 20+ streams running 40 basic analytics. This unit packs the latest AI NVR features into a compact design, with up to 64GB of RAM, 4TB of SSD storage, and 24TB of HDD storage – all in a box smaller than a foot deep. 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.

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HAILO



KEY FEATURES



Up to 24TB of Raw Storage



Large Form Factor Hard Drive Bay



14th Gen Intel® Core™ or Core™ Ultra Processor



Powered by the Hailo-8 Inferencing Module



4-Stream Perpetual CVEDIA License Included



Milestone Preloaded and License-Ready



5-Year ProSupport Plus NBD On-Site with KYHD



Core™ i3



Core™ Ultra

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SYSTEM

Operating System:

Windows® 11 Pro
Windows® 10/11 IoT Enterprise
Ubuntu® Linux 20/22.04

Supported CPU:

(1) 14th Gen Intel® Core™ (i3)
(1) Intel® Core™ Ultra (U5/U7)

Memory Configuration:

(2) SODIMM Slots
Up to 64GB DDR5 Non-ECC

Embedded Networking:

(2) RJ45 2.5GbE Ports
-OR-
(1) RJ45 2.5GbE Port w/DW GPU

Expansion Slots:

(1) PCIe 4.0 x16 LP (All Models)
(2) PCIe 3.0 x1 LP (i3)
(1) PCIe 3.0 x4 LP (U5/U7)
(1) PCIe 3.0 x1 LP (U5/U7)

GPU Support:

Up to (1) Single Wide HH/FL
-OR-
(1) Double Wide HH/FL

Security Module:

Trusted Platform Module (TPM) 2.0

MECHANICAL

Form Factor:

Small Tower

Power Supply:

(1) 360W Internal, 92% Efficient, 80 Plus Platinum

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:
20% – 80% (non-condensing)

Non-Operating Rel. Humidity:
5% – 95% (non-condensing)

Dimensions (WxDxH):

3.74" x 11.53" x 11.95"
(95 mm x 293 mm x 303.5 mm)

Weight:

13.47 lb (6.11 kg)

Warranty:

5-Year ProSupport Plus
NBD On-Site with KYHD

STORAGE + PORTS

Drive Bays:

(1) Internal Fixed 3.5" SATA

M.2 Slots:

(1) M.2 slot (2230/2280) - All Models
(2) M.2 slots (2230/2280) - U5/U7 Only
(1) M.2 slot for Wi-Fi/Bluetooth Card (2230) - All Models

AI Accelerator:

(1) M.2 Hailo-8 Inferencing Module

I/O Ports:

FRONT: (All Systems)
(2) USB 2.0
(1) USB 3.2
(1) USB 3.2, Type-C
(1) 3.5 mm Audio Jack

REAR:

(2) USB 3.2, (2) USB 2.0 (i3)
(1) USB 3.2, Type-C, (3) USB 3.2,
(2) USB 2.0 (U5/U7)

Video Outputs:

(2) DisplayPort (i3)
(3) DisplayPort (U5/U7)
(1) HDMI 2.1 (All Models)