

IL-MTWD-M SERIES







IRONLINK® MID-TOWER FORM FACTOR AI NVR FOR MILESTONE

PRODUCT OVERVIEW

The IL-MTWD-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 128GB of RAM, 4TB of SSD storage, and 72TB of HDD storage – all in a desktop tower 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.



KEY FEATURES

-  Up to 72TB of Raw Storage
-  Large Form Factor Hard Drive Bays
-  14th Gen Intel® Core™ Processor
-  Intel® 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™ Processor (i3)
(1) Intel® Core™ Ultra Processor (U5/U7K/U9K)

Memory Configuration:

(2) UDIMM Slots
Up to 64GB DDR5 Non-ECC (i3)
-OR-
(4) UDIMM Slots
Up to 128GB DDR5 Non-ECC (Ultra)

Embedded Networking:

(2) RJ45 1GbE Port (i3)

(1) RJ45 1GbE Port, (1) RJ45 5GbE Port (Ultra)

Expansion Slots:

(1) PCIe 3.0 x16 FH (i3)
(2) PCIe 3.0 x1 FH (i3)
(1) PCIe 5.0 x16 FH (Ultra)
(1) PCIe 4.0 x4 FH (Ultra)
(2) PCIe 3.0 x4 FH (Ultra)

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:

Mid Tower

Power Supply:

(1) 360W Internal, 92% Efficient, 80 Plus Platinum (i3)

(1) 1500W Internal, 92% Efficient, 80 Plus Platinum (Ultra)

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):

6.06" x 11.54" x 12.77" (i3)
(154 mm x 293 mm x 324.3 mm)

7.40" x 17.24" x 15.24" (Ultra)
(187.7 mm x 438 mm x 387 mm)

Weight:

35.38 lb (16.05 kg)

Warranty:

5-Year ProSupport Plus
NBD On-Site with KYHD

STORAGE + PORTS

Drive Bays:

(2) Internal Fixed 3.5" SATA (i3)
(3) Internal Fixed 3.5" SATA (Ultra)

M.2 Slots:

(1) M.2 slots (2230/2280) - All Systems
(1) M.2 slot (2230/2280) - Ultra Systems
(1) M.2 slot for Wi-Fi/Bluetooth Card (2230) - All Systems

AI Accelerator:

(1) M.2 Hailo-8 Inferencing Module

I/O Ports:

FRONT:
(2) USB 3.2, (1) USB 3.2, (1) USB 3.2, Type-C (i3)
(2) USB 3.2, Type-C, (2) USB 3.2 (Ultra)
(1) 3.5 mm Audio Jack (All Systems)

REAR:

(2) USB 3.2, (2) USB 2.0 (i3)
(1) USB 3.2, Type-C, (2) USB 3.2, (2) USB 2.0 (Ultra)

Video Outputs:

(1) DisplayPort, (1) HDMI 2.1 (i3)
(2) DisplayPort, (1) HDMI 2.1 (Ultra)