

VideoX[®] X2M NVR

**Ruggedized, fanless, wide temperature
NVR w/ 4x POE+ ports**



Hardware Information

System Type

Rugged, fanless small form factor for mobile, trailers, NEMA etc

CPU

Intel® Core™ Gen10 i3 2.6 Ghz 4 Core /8 Thread 6M cache
Thermal Extended 35W TDP, embedded profile

GPU

Intel UHD630 QuickSync GPU w/ GPU Tuned FW & Services

RAM

16GB Non-ECC SDRAM - Wide temp support

OS

Microsoft Windows 10 IoT Enterprise (LTSC)

VMS/OS Drive

Dedicated 250GB Enterprise 3D TLC Flash SSD NVMe
Dedicated for OS/VMS.

Storage Drives

1 or 2x Enterprise Class, Industrial Wide-Temp SSDs. 2.5" SATA,
3D NAND Flash, ruggedized, Hot-swap.

Storage Capacity

Up to 8TB raw capacity. 1-2x 1TB, 2TB or 4TB Wide-Temp SSDs

RAID

NO RAID, JBOD only

Network

2x Intel Enterprise Eth RJ45 ports 1x 1GbE, 1x 2.5GbE
4x 1GbE POE+ ports Cat6/RJ45 - 75W shared, 18W per port
maximum wattage.

Display Ports

HDMI, DP, VGA

Management

Watchdog Timer programmable by embedded controller, TPM
2.0 installed, System monitor (Voltage, Fan Speed and
Temperature)

Ports

5x COM ports (2x RS-232/422/485), 4x USB 3.2 Gen 1, 4x USB 2.0,
2x Antenna hole for WiFi or 4G/GPS module, Audio Jack with
Line-out / Mic-in with Realtek ALC887 Audio controller

General Information

DC Power

DC 12V ~ 36V with 3-pin Terminal Block Connector

AC Adapter Wide-Temp - Optional Add-on

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Operating Shock/Vibe

Vibration: 5Grms/10-500Hz, IEC 60068-2-6
Shock: 50G, 11 msec, IEC 60068-2-28

Dimensions

Small Form Factor - 253(W) x 201(D) x 150(H) mm, wall mount
brackets included.

Weight

Ship WeightW/ 2x SSDs = 9k/19.8lbs

Warranty

1 Year Standard Warranty return to factory repair

Environmental Information

This unit is intended for wide temperature environments, according to the conditions stated below. Temperatures are ambient.

Operating Temperatures

-20 to 60 C / 4 to 140F

Storage Temperatures

-40 to 80 C / -40 to 176 F

Humidity

40°C to 95% RH non-condensing



A Microsoft Windows license is included with all systems. Systems ship with Microsoft Windows operating systems pre installed without media, but not setup which is the responsibility of the installer. Video management software & other application installers are included but NOT installed, on the OS drives. Installation, and configuration of the video management software and any other application to be performed by installer/integrator or end user. The installer of the system must install the appropriate VMS version, do all configuration and setup of users and cameras, databases etc. Latest Milestone & Avigilon best practice is to use SQL Standard on all installations over 300 cameras. SQL Standard is optional and not included with Milestone, Avigilon or any other VMS.

For more information visit: Arxys.com/videox-appliances

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VMS licensing and support is not included and is provided by the security partner or customer.