

# IL-NVRS SERIES






## IRONLINK® 2U RACKMOUNT 12-BAY STANDARD NVR

### PRODUCT OVERVIEW

The IL-NVRS is a purpose-built NVR appliance compatible with Avigilon® video management software featuring preconfigured storage set to RAID 6. Each unit comes preloaded with the VMS on Windows® Server 2022 Standard (optional Windows® 10 IoT Enterprise), as well as an NVIDIA® RTX A1000 GPU for enhanced analytics features. Every IronLink® system ships with standard features like iDRAC Enterprise, redundant power supplies, and 5-year NBD on-site support with Keep Your Hard Drive. Optional 5-year, 4-hour mission critical support is also available for a nominal fee.



### KEY FEATURES

-  Up to 80TB of Raw Storage
-  Intel® Xeon® Scalable Processor
-  Enterprise Class SAS Drives
-  Dedicated Hardware RAID Controller
-  Redundant Power Supply
-  5-Year ProSupport NBD On-Site with KYHD



# IL-NVRS SERIES

## IRONLINK® 2U RACKMOUNT 12-BAY STANDARD NVR

### SYSTEM

**Operating System:**

Windows® Server 2022 Standard  
Windows® 10/11 IoT Enterprise

**Supported CPU:**

(1) Intel® Xeon® 4410Y  
2.0GHz 12C

**Memory Configuration:**

32GB (2x 16GB) RDIMM

**Embedded Networking:**

(2) RJ45 1GbE Ports

**Expanded Networking:**

(4) RJ45 1GbE Ports (OCP)  
(4) 10/25GbE SFP28 (PCIe LP)

**GPU Support:**

(1) NVIDIA® RTX A1000 8GB

**Onboard Management:**

iDRAC Enterprise

**Security Module:**

Trusted Platform Module  
(TPM) 2.0

### MECHANICAL

**Form Factor:**

2U Rackmount

**Power Supply:**

(2) 800W 100-240VAC  
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 27" x 3.41"  
(482 mm x 686 mm x 86.8 mm)

**Weight:**

70 lb (33.1kg)

**Warranty:**

5-Year ProSupport NBD  
On-Site with KYHD

### STORAGE + PORTS

**Drive Bays:**

(12) Hot-Swap 3.5" SAS

**M.2 Slots:**

(2) 480GB M.2 SSD (RAID 1)

**RAID Controller:**

PERC H755 8GB

**I/O Ports:**

FRONT:

(1) USB 2.0

REAR:

(1) USB 3.0

(1) USB 2.0

**Video Outputs:**

(1) VGA Port Front

(1) VGA Port Rear