



Rack NVR | SR3E | NVR-R-2 (100TB-180TB)

Model	Total Storage	Usable Storage	RAM	Processor	Power Supply
NVR-R-2-100TB-V8	100TB (5 x 20TB)	80TB	64GB	Dual	Dual
NVR-R-2-120TB-V8	120TB (6 x 20TB)	100TB	64GB	Dual	Dual
NVR-R-2-160TB-V8	160TB (8 x 20TB)	140TB	64GB	Dual	Dual
NVR-R-2-180TB-V8	180TB (9 x 20TB)	160TB	64GB	Dual	Dual

- To meet total storage, individual HDD size and quantity may be subject to change.
- Total usable storage is calculated based on advertised HDD size, not OS recognition.
- Usable storage size may vary slightly.
- Performance for multi-monitor use depends on camera codec, resolution, FPS and network.
- Special order items should allow 14+ business days for delivery.

Preloaded Network Video Recorder – Rack Server

- VI Software Installed
- VI Server Activation Included
- Includes Ongoing Updates for the VideoInsight Edition Installed
- Fully Configured and Tested
- "Plug & Play" NVR is Ready for Out-Of-The-Box Deployment
- Recommended Use Case | 300-600Mbps Recording Rate Performance | 1Gbs Network
- Recommended Use Case | 600-1000Mbps Recording Rate Performance | 10Gbs Network
- 5-Year Next Business Day On-site Service (After Remote Diagnosis by i-PRO Support Team)
- 1-Year VI HM+ Activation Included (Meant for use on secondary machine)

Server Specifications

Processor

2 x Xeon Silver 8-Core / 16-Thread

Memory

64GB

I/O Slots

Up to 8 x Gen3 Slots

Optical Drive

No

RAID Controller

H755

iDRAC

iDRAC9 Express

Embedded NIC

2 x 1GB BASE-T & 2 x 10GB SFP+

Power Supply

2 x 1100W Power Supply Hot-Swap

Security

On-board Encryption | TPM | 2.0

Operating System

Windows Server 2025 Standard

Accessories

Keyboard and Mouse

Graphics Card

Intel Onboard Graphics

Video Output

VGA

Weight

63 lbs

Dimensions

2U Rack Mount:
(H)3.41", (W)18.98", (D)28.4"
(Dimensions Do Not Account for Bezel)

HDD Bays

Up to 12 x 3.5" Enterprise Drives
(Storage RAID 5)
OS on 2 x M.2 High Speed SSD Drives
(RAID 1)

Warranty

5-Year Next Business Day
On-site Service (After Remote
Diagnosis by i-PRO Support Team)

Monitor

Not Included

Rails

Rails Included | 4 Post

- Rear drives: If unit supported, are special order and will require extra configuration time.
- Server warranty will not cover issues resulting from third-party parts.
- Hardware meets NDAA standards.

