



AI NVS 4Bay Tower

Compact 4-Bay AI Cloud NVS

Overview

The EVS1004D is a compact 4-bay tower AI-NVS designed to transform legacy ONVIF/RTSP cameras into intelligent surveillance systems. Featuring GPU-powered Edge AI processing and Cloud AI integration, it delivers context-aware monitoring with intelligent incident detection across all connected cameras. Enterprise-grade RAID 1/5/6 storage ensures high-availability recording and uninterrupted data protection. Cloud-managed with smart search and timeline navigation capabilities, the EVS1004D provides enterprise intelligence in limited-space environments without requiring camera replacement.



Features & Benefits

- Cloud Dashboard Management and Mobile App monitoring anywhere
- GPU-Powered Edge AI Processing and Cloud AI integration
- Connect ONVIF/RTSP of all 3rd party cameras
- 4 Bays drives for 3.5" or 2.5" HDD
- RAID 1/5/6

Technical Specifications

System
Max 3rd-Party Cameras
16 cameras
Camera Resolution
FHD, 4MP, 5MP, 4K
Camera Interface
ONVIF Profile S, RTSP, EnGenius
RAID
RAID 1/5/6
Storage Retention
24/7 seamless recording and retention
Max AI Empower
2 cameras
Max EnGenius Cameras (Storage)
30 EnGenius cameras

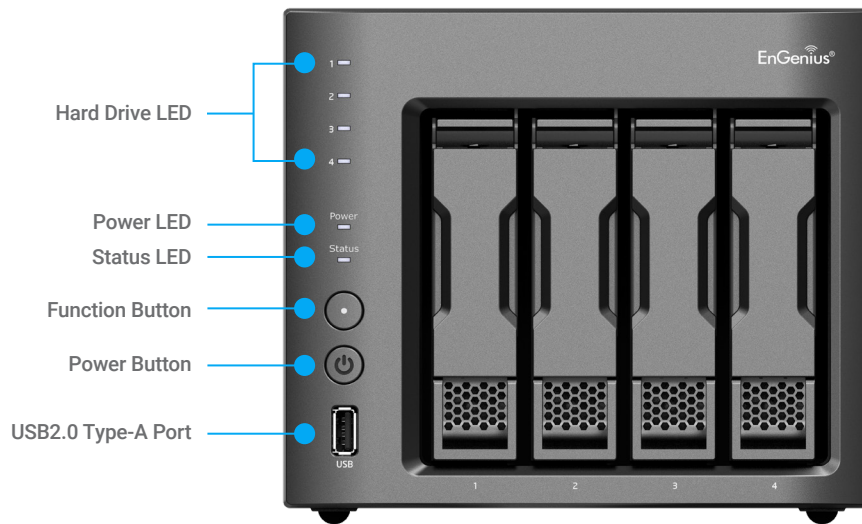
Hardware
Processor
Intel Elkhart Lake x6211E
Memory
8GB
Flash
16GB
Security
TPM v2.0
Drive Interface
SATA 3.0 x 4
Networking Interface
10GbE RJ45 x 1, 1GbE RJ-45 x 1
Display
HDMI 1.4b x 1
USB Port
3.0 Type A x 4, 2.0 Type A x 1
FAN Speed Control
Yes
Thermal Sensor
System x 1, CPU x 1
Buzzer
Yes
Button
Power, Function
LED Indicator
Power x 1, Function x 1, HDD x 4
Power Supply
DC12V@7.5A
Max. Power Consumption
140W
Ambient Operating Temperature
0~50°C (32~122°F)
Ambient Operating Humidity
10~85% RH

Advanced AI Analytics
People Detection and Tracking
Event detection, Smart Motion Search, People Counting
Vehicle Detection and Tracking
Event detection, Smart Motion Search, Vehicle Counting
EnGenius Cloud AI
Natural Language Search, Contextual AI Analysis, SD-Alert

Mechanical
Kensington Slot
Yes
Enclosure Material
Aluminium alloy, Polycarbonate
Dimensions (L x W x H)
179.6 x 227.5 x 157.0 mm
Weight
2.647Kg

Management Software
Web Browser
Chrome, Safari, Edge
Mobile App
Cloud To-Go on iOS and Android

Hardware Overviews



Features and specifications subject to change without notice. Trademarks and registered trademarks are the property of their respective owners. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his/her own expense. Prior to installing any surveillance equipment, it is your responsibility to ensure the installation is in compliance with local, state and federal video and audio surveillance and privacy laws.

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