



## AI NVS 2Bay Tower

# Compact 2-Bay AI Cloud NVS

### Overview

The EVS1002D is a compact 2-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 storage ensures high-availability recording and uninterrupted data protection. Cloud-managed with smart search and timeline navigation capabilities, the EVS1002D 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
- 2 Bays drives for 3.5" or 2.5" HDD
- RAID 1

# Technical Specifications

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

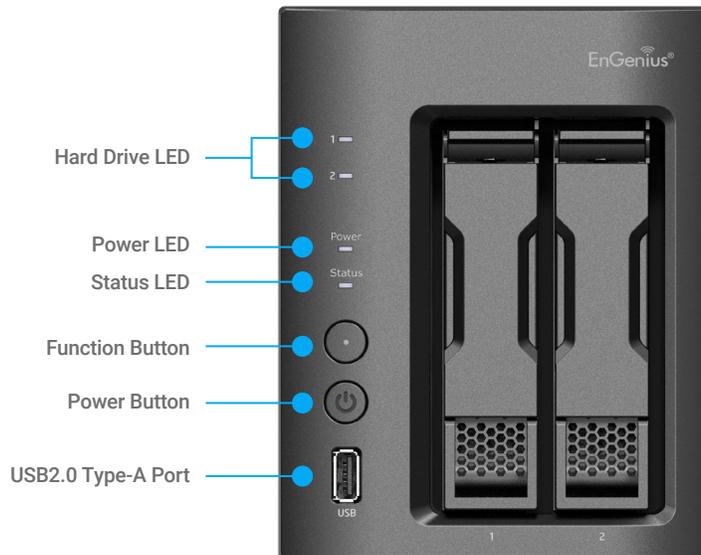
Hardware
<b>Processor</b>
Intel Elkhart Lake x6211E
<b>Memory</b>
8GB
<b>Flash</b>
16GB
<b>Security</b>
TPM v2.0
<b>Drive Interface</b>
SATA 3.0 x 2
<b>Networking Interface</b>
10GbE RJ45 x 1, 1GbE RJ-45 x 1
<b>Display</b>
HDMI 1.4b x 1
<b>USB Port</b>
3.0 Type A x 4, 2.0 Type A x 1
<b>FAN Speed Control</b>
Yes
<b>Thermal Sensor</b>
System x 1, CPU x 1
<b>Buzzer</b>
Yes
<b>Button</b>
Power, Function
<b>LED Indicator</b>
Power x 1, Function x 1, HDD x 2
<b>Power Supply</b>
DC12V@5A
<b>Max. Power Consumption</b>
92W
<b>Ambient Operating Temperature</b>
0~50°C (32~122°F)
<b>Ambient Operating Humidity</b>
10~85% RH

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

Mechanical
<b>Kensington Slot</b>
Yes
<b>Enclosure Material</b>
Aluminium alloy, Polycarbonate
<b>Dimensions (L x W x H)</b>
118.8x 217.5 x 152.0 mm
<b>Weight</b>
1.862Kg

Management Software
<b>Web Browser</b>
Chrome, Safari, Edge
<b>Mobile App</b>
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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