

VIGILANT S4000

High Performance for
Critical Deployments



The Vigilant S4000 is built to support enterprise-level surveillance deployments, delivering unmatched performance for managing high camera counts and extensive data retention requirements. Its robust 2U rackmount design, combined with dual processors and enterprise-grade reliability, ensures seamless operation in mission-critical environments. Partner with Now Micro to reduce risk, save time, increase profits and maximize efficiency with purpose-built solutions that are backed by people who care and powered by innovation.

KEY FEATURES



Dual Intel® Xeon® Silver processors
for powerful performance



Up to 288TB of raw storage for
large surveillance needs



Standard redundant power supply
for mission-critical reliability



iDRAC Enterprise with DICE
enhancements pre-installed



5-year global next-business-day,
on-site warranty



Every Now Micro solution comes equipped with DICE technology, offering OEMs and systems integrators a powerful suite of tools that streamlines deployment, reduces downtime with remote monitoring and simplifies asset management through a single, intuitive portal.



DICE MANAGE



DICE INTEGRATE/
ENGAGE



DICE BACKUP



DICE SUPPORT



DICE DEPLOY



DICE REMOTE



DICE HEALTH



DICE ASSET



— POWERED BY —
DELL Technologies

VIGILANT S4000

System

PROCESSOR

- Dual Intel® Xeon® Silver 4509Y

OPERATING SYSTEM

- Windows Server IoT 2025 Standard
- Windows Server IoT 2022 Standard
- Windows Server IoT 2019 Standard
- Windows 11 IoT Enterprise LTSC
- Windows 10 IoT Enterprise LTSC
- Windows Server 2025 Standard
- Windows 11 Professional
- Linux

MEMORY

- 32GB Standard, Supports Up to 1.5TB
- 16 x DDR5 DIMM slots

STORAGE CAPACITY

- Up to 288TB

RAID

- JBOD, 0, 1, 5, 6, 10

STORAGE CONTROLLERS

- BOSS Controller Card for OS Drives
- PERC H755 for Data Drives

GRAPHICS

- Matrox G200 16GB

GRAPHIC CARD OPTIONS

- NVIDIA RTX A400, 4GB, 4 x mDP
- NVIDIA RTX A1000, 8GB, 4 x mDP

I/O PORTS

Front:

- 1 x Dedicated iDRAC Micro-USB
- 1 x USB 2.0
- 1 x VGA

Rear:

- 1 x USB 2.0
- 1 x USB 3.0
- 1 x VGA
- 1 x Serial (Optional Upgrade)

NETWORKING

- 2 x 1GbE RJ-45
- 2 x 25GbE SFP28 (Via OCP Slot)
- 1 x Dedicated iDRAC Ethernet Port

EXPANSION SLOTS

- 1 x PCIe x16 (x16 Electrical), Half Height (Filled by PERC)
- 1 x PCIe x16 (x8 Electrical), Half Height (Open)
- 2 x PCIe x16 (x16 Electrical), Half Height (Open)
- 1 x OCP x8 (Filled by OCP NIC)

NIC OPTIONS

- 4 x 1GbE RJ-45
- 2 x 10GbE RJ-45
- 2 x 25GbE SFP28

SECURITY MODULE

- Trusted Platform Module 2.0v3

HARDWARE MONITORING

- iDRAC Enterprise
- Now Micro DICE Enhancements Pre-Installed

WARRANTY

- 5-Year Global Next-Business-Day, On-Site

Mechanical

FORM FACTOR

- 2U Rackmount

OS DRIVES

- 2 x M.2 480GB (RAID 1)

DATA DRIVES

- Up to 12 x 3.5in Enterprise Class SATA Hot Swappable Drives

POWER SUPPLY

- Dual, Hot-Plug, Redundant Power Supply (1+1), 800w

OPERATING TEMPERATURE

- 50°F to 95°F (10°C to 35°C)

OPERATING HUMIDITY

- Up to 80%, Non-Condensing

DIMENSIONS

- Height – 3.417in (86.8mm)
- Width – 18.976in (482mm) Includes Rack Ears
- Depth – 26.99in (685.78mm) Ear to PSU Handle, Not Including Bezel