

GEN-300E-T4

3-Bay Tower Video Appliance

STORAGE-DENSE, 3-BAY TOWER, BCDVIDEO APPLIANCE

The GEN-300E-T4 video appliance for Security Center enables maximum storage and throughput in a space-efficient tower. Up to three 3.5" 24/7 duty cycle SATA drives providing up to 54TB of raw storage.










The GEN-300E-T4 comes equipped with the latest Intel® 10th Generation Core™ processor providing up to 18% more computing performance than previous 9th generation processors. Support for up to 64GB of DDR4 memory allows for plentiful local resources, while an NVMe M.2 solid state drive accelerates boot and application load times for increased performance and a reliable user experience.

RAID 0/1 storage options provide system high availability while a five-year, on-site, next business day, Keep Your Hard Drive warranty guarantees your peace of mind.

BCD's exclusive Harmonize Bridge, powered by Tiger Technology, includes full data protection, backup and archive, and instant disaster recovery, while delivering cloud scale and services without any disruption to your workflows. The flexibility within the GEN-300E-T4 allows for on-premise recording, cloud recording, or both simultaneously.



KEY FEATURES

-  **Up to 40 Channels***
-  **Up to 127 Mbp/s Recording Rate**
-  **Up to 54TB of Raw Storage**
-  **10th Generation Intel® Core™ Processor**
-  **Microsoft Windows 10 IoT Enterprise**
-  **Harmonize Bridge, powered by Tiger Technology**
 - Hybrid Cloud Connectivity
 - Disaster Recovery
-  **SSD & SATA Drives**
-  **RAID Options: 0 & 1**
-  **5-Year Keep Your Hard Drive Warranty**

**Based upon these parameters: 2 MP at 15FPS, H.264, 24-hour recording for 30 days.*

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SYSTEM

Operating System

Microsoft Windows 10 IoT Enterprise

Memory

Standard Configuration: 16GB (2x 8GB)
Maximum Configuration: Up to 64GB
RAM (4x DDR4 DIMM Slots)

Processor(s)

10th Generation Intel® Core™ i5-10500 (6 cores, 12 threads @ 3.10GHz)

Processor Passmark

Intel® Core™ i5-10500: 13,250

Networking

(1) 1GbE RJ45 Ports

Expansion Slots

(1) Full-height PCIe x16 slot, (1) Full-height PCIe x4 slot, (1) Full-height PCI (in default configuration)

USB(s)

Rear (4) USB 3.0, (2) USB 2.0; Front (1) USB 3.0, (2) USB 2.0, (1) USB 3.0 Type-C

Video Outputs

(2) DisplayPort (1) VGA

MECHANICAL

Form Factor

3-Bay Tower

Power Supply(s)

(1) 460W (100-240VAC) 80 Plus Platinum

Operating Temperature

(Min) 50°F - (Max) 95°F [(Min) 10°C - (Max) 35°C]

Max Heat Dissipation

1255 Max BTU/hr

Operating Humidity

5 ~ 90% (non-condensing)

Dimensions (WxDxH)

6.95" (176.6mm) x 13.58" (345mm) x 13.19" (335mm)

Max. Weight

23.37 lbs. (10.6 kg)

Warranty

5-Year, On-site, NBD, Keep Your Hard Drive Warranty

STORAGE

Hard Drive Bays

(3) 3.5" Hot Swappable Bays
(1) M.2 SSD Slots (OS)

Hard Drives Supported

PCIe NVMe, SATA

RAID

RAID 0, 1

Maximum Storage

Up to 54TB (Seagate SkyHawk AI)

harmonize Bridge
POWERED BY TIGER TECHNOLOGY

intel  SEAGATE

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