

# GEN-2011E-R4

## 1U 4-Bay Rackmount Video Recording Appliance

### BCDVIDEO APPLIANCE FOR SUPERIOR VIDEO PROCESSING

Benefit from scalable storage performance and video processing with the GEN-2011E-R4 server. This 1U, single socket platform brings you the scalability and performance to adapt to a variety of Security Center applications.

Up to 72TB of raw storage is provided by up to four 24/7 duty cycle SATA drives. Paired with the latest Intel® Xeon® E-Series processor, this appliance provides high-density storage for Security Center throughput for the most demanding applications.

BCD's Harmonize iDRAC plug-in integrates with the Genetec Security Center VMS and provides hardware events, notifications and alarms to be presented within Security Center.









Ease of operation is provided with dual OS SSDs for accelerated boot and application load times. RAID 5/6 storage options and dual redundant 350W power supplies 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-2011E-R4 allows for on-premise recording, cloud recording, or both simultaneously.



### KEY FEATURES

-  **Up to 64 Channels\***
-  **Up to 203.2 Mbp/s Recording Rate**
-  **Up to 72TB of Raw Storage**
-  **Intel® Xeon® E Series Processors**
-  **Microsoft Windows Server 2019**
-  **Harmonize Conductor Suite**
  - iDRAC Server Management via Security Desk
  - Disaster Recovery
  - Hybrid Cloud Connectivity
-  **SSD & SATA Drives**
-  **Redundant Power**
-  **RAID Options: 0, 1, 5, 6, 10**
-  **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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## 1U 4-Bay Rackmount Video Recording Appliance

### SYSTEM

#### Operating System

Microsoft Windows Server 2019

#### Memory

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

#### Processor(s)

Intel® Xeon® E-2236 (6 cores, 12 threads @ 3.40GHz)

#### Processor Passmark

Intel® Xeon® E-2236: 14,333

#### Networking

(2) 1GbE RJ45 Ports

#### Expansion Slots

(1) PCIe x16 full height slot (in default configuration)

#### USB(s)

Rear (2) USB 3.0, Front (1) USB 2.0

#### Video Outputs

(1) VGA

#### Remote Management

iDRAC Express

### MECHANICAL

#### Form Factor

1U Rackmount

#### Power Supply(s)

(2) 350W (100-240VAC) 80 Plus Platinum

#### Operating Temperature

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

#### Max Heat Dissipation

955 Max BTU/hr

#### Operating Humidity

10 ~ 80% (non-condensing)

#### Dimensions (WxDxH)

17.08" (434mm) x 22.58" (573.6mm) x 1.68" (42.8mm)

#### Max. Weight

29.98 lbs. (13.6 kg)

#### Warranty

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

### STORAGE

#### Hard Drive Bays

(4) 3.5" Hot Swappable Bays  
(2) M.2 SSD Slots (OS)

#### Hard Drives Supported

PCIe NVMe & SATA

#### RAID

OS RAID 0, 1; Data RAID 0, 1, 5, 6, 10

#### RAID Controller

PERC H730P (2GB NV Cache)

#### Maximum Storage

Up to 72TB (Seagate SkyHawk AI)

**harmonize Bridge**  
POWERED BY TIGER TECHNOLOGY

**harmonize**  
iDRAC PLUG-IN INSIDE

**intel**  SEAGATE

FOR MORE INFORMATION: [bcdvideo.com](http://bcdvideo.com) | [sales@bcdinc.com](mailto:sales@bcdinc.com) | +1.847.205.1922

TECH SUPPORT: [support@bcdinc.com](mailto:support@bcdinc.com) | +1.844.462.2384

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