

# GEN-2011E(X)-R14

## 2U 14-Bay Rackmount Video Recording Appliance

### BCDVIDEO APPLIANCE FOR SUPERIOR VIDEO PROCESSING

Benefit from scalable storage performance and video processing with the GEN-2011E(X)-R14 server. This 2U, 2-socket platform brings you the scalability and performance to adapt to a variety of Security Center applications.

Up to 252TB of raw storage is provided by up to (14) 24/7 duty cycle SATA drives. Paired with the latest Intel® Xeon® Scalable processors, this appliance provides high-density storage for Security Center throughput for the most demanding applications.

BCD's Harmonize iDRAC plug-in integrates with Genetec's 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 1100W 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(X)-R14 allows for on-premise recording, cloud recording, or both simultaneously.



**harmonize Bridge**  
POWERED BY TIGER TECHNOLOGY

**harmonize**  
iDRAC PLUG-IN INSIDE

### KEY FEATURES

-  **Up to 172 Channels\***
-  **Up to 546.1 Mbp/s Recording Rate**
-  **Up to 252TB of Raw Storage**
-  **Intel® Xeon® Silver Processors**
-  **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.*

FOR MORE INFORMATION: [bcdvideo.com](http://bcdvideo.com) | [sales@bcdinc.com](mailto:sales@bcdinc.com) | +1.847.205.1922  
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# GEN-2011E(X)-R14

## 2U 14-Bay Rackmount Video Recording Appliance

### SYSTEM

#### Operating System

Windows Server 2019

#### Memory

Single Processor: 16GB (2x 8GB)  
Dual Processors: 32GB (4x 8GB)  
Maximum Configuration: Up to 768GB  
RDIMM, 1.5TB LRDIMM, 192GB NVDIMM  
(24x DDR4 DIMM Slots)

#### Processor(s)

Up to (2) Intel® Xeon® Silver 4210  
Scalable Processors (Up to 10 Cores, 20  
Threads, 3.20 GHz)

#### Processor Passmark

Intel® Xeon® Silver 4210: 14,304  
Dual Intel® Xeon® Silver 4210: 23,471

#### Networking

Single Processor Model: (4) 1GbE RJ45 Ports  
Dual Processor Model: (2) 1GbE RJ45 Ports,  
(2) 10GbE SFP+ ports

#### Expansion Slots

Single Processor Models: (1) x16 full-  
height, (1) x8 low-profile PCIe slots (in  
default configuration)  
Dual Processor Models: (1) x16 full-  
height, (2) x8 low-profile PCIe slots (in  
default configuration)

#### USB(s)

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

#### Video Outputs

(1) VGA

#### Remote Management

iDRAC Express



### MECHANICAL

#### Form Factor

2U Rackmount

#### Power Supply(s)

(2) 1100W (100-240VAC) 80 Plus Platinum

#### Operating Temperature

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

#### Max Heat Dissipation

3001 Max BTU/hr

#### Operating Humidity

5 ~ 90% (non-condensing)

#### Dimensions (WxDxH)

17.1" (434mm) x 28.15" (646mm) x 3.4" (86.8mm)

#### Max. Weight

65.43 lbs. (29.68 kg)

#### Warranty

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

### STORAGE

#### Hard Drive Bays

(14) 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 H740P (8GB NV Cache)

#### Maximum Storage

Up to 252TB (Seagate SkyHawk AI)