



HD Video Storage Server

model CVNVR-SVR



Provides extended on-site recording for CheckVideo cameras.

Reliable protection has never been this simple.

The rack-mounted **CheckVideo HD Video Storage Server** (CVNVR-SVR) complements your CheckVideo cameras, offering high resolution 24x7 on-site recording for long durations. Instead of using IP edge recording capabilities on the camera, video is recorded directly to the CVNVR-SVR. Featuring server-class components in a compact 1U rack mount chassis, the HD Video Storage Server ensures that your video is secured. It comes with four video-grade hard drives pre-configured with RAID 5 for increased reliability.

The HD Video Storage Server comes in three different capacities of 24TB, 32TB, and 40TB. Combined with patented video compression technology included in all CheckVideo cameras, the CVNVR-SVR is capable of recording 32 channels of 4 megapixel video for 30 days. As an added benefit, the CVNVR-SVR is automatically enrolled into CheckVideo's Cloud VMS™ for remote setup, software updates, diagnosis, and health monitoring.

FEATURES



COMPACT, HIGH DENSITY STORAGE

Offering up to 40TB of storage capacity in a highly compact 1U form factor, the CVNVR-SVR sets a new standard for high density recording and storage options.



24X7 VIDEO RECORDING

Continuous video recording guarantees that nothing is missed. Playback can be done remotely from any web browser.



INCREASED RELIABILITY

Unlike other solutions that write video data continuously, causing the hard drive to spin constantly, the CVNVR includes wear leveling technology that extends the life of your hard drives. With included RAID 5, a failed disk can be replaced with zero data loss for additional peace-of-mind.

BENEFITS

MANAGED SOLUTION

The CVNVR-SVR requires no on-site setup beyond connection to power and network. CVNVR-SVR is part of CheckVideo's fully managed video services, fully integrated with the Cloud VMS™. All configuration and programming of the CVNVR-SVR is performed remotely by authorized users.

SCALABLE

With federation services included, any number of CVNVR-SVR devices can be combined to create a totally scalable video solution that spans thousands of cameras, multiple sites, and disparate networks.

HEALTH MONITORING

Embedded appliance with continuous monitoring of disk health and recording status ensures optimal performance. The CVNVR-SVR includes error recovery logic that mitigates against data loss.

NETWORK SECURITY

Built-in encryption keeps data safe. Automated software updates ensure the system always has the latest features and remains completely secure.



SYSTEM

1U rack mount computer with 4GB RAM
 Dual Integrated 10/100/1000 Ethernet Network connection
 Embedded Linux OS with auto-updates

ENVIRONMENT

Operating temperature

0°C ~ 40°C / 32°F ~ 104°F (Standard)

Storage temperature

-20°C ~ 80°C / -4°F ~ 176°F (Standard)

Product safety

CE, FCC Class A

VIDEO

Inputs

Works with CheckVideo IP Cameras. Up to 32 camera inputs per server

Recording

30 days of HD 4 MP recording with 32 channels for the 40TB model

HARDWARE MANAGEMENT

BIOS

AMI uEFI BIOS w/ 128Mb SPI Flash

Watchdog

Programmable WDT to generate system reset event

H/W Monitor

CPU & System Temperatures, Input & Core Voltages

Real Time Clock

Chipset integrated RTC

TPM

Included for security and encryption

MECHANICAL

Dimensions (W x D x H)

479.8 x 578.2 x 44.5 mm / 18.89" x 22.76" x 1.75"

Weight

8700 g / 19.18 lb

Mounting

Rackmount 1U

Power Connector

C14 AC Connector (on rear)

Input Voltage

AC 100V ~ 240V

ORDERING INFORMATION

CVNVR-SVR-24T

Total capacity of 24TB with 18 TB for video recording

CVNVR-SVR-32T

Total capacity of 32TB with 24 TB for video recording

CVNVR-SVR-40T

Total capacity of 40TB with 30 TB for video recording

SUGGESTED USAGE

# Cameras	Recording Resolution	Quality	Recording Duration (Days)*	Suggested Model
32	720p	High	45	SVR-24T
32	4MP	High	30	SVR-32T
32	4MP	Low	60	SVR-32T
32	720p	High	60	SVR-32T
32	720p	Medium	90	SVR-32T
20	4MP	High	60	SVR-40T

*24x7 recording with a 25% busy scene.