HD VIDEO STORAGE SERVER

R1200

The rack-mounted **CheckVideo HD Video Storage Server** (R1200) 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 R1200. Featuring server-class components in a 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 has a storage capacity of 96TB. Combined with patented video compression technology included in all CheckVideo cameras, the R1200 is capable of recording 64 channels of 4 megapixel video for 90 days. As an added benefit, the R1200 is automatically enrolled into CheckVideo's Cloud VMS for remote setup, software updates, diagnosis, and health monitoring.

FEATURES

HIGH DENSITY STORAGE
96TB of storage capacify in a 1U form factor, the R1200 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 R1200 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 R1200 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 R1200 is performed remotely by authorized users.

SCALABLE
With federation services included, any number of R1200 devices can be combined to create a totally scalable video solution that spans thousands of cameras, multiple sites, and disparate networks.

AUTOMATED SYSTEM HEALTH MONITORING
The system automatically issues proactive alerts in case of camera tampering, poor video quality or loss of communication.

CYBER-SECURITY INCLUDED
Hacker-proof and secured against network attacks. Cameras isolated on a dedicated network port for added security.

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HD VIDEO STORAGE SERVER
model R1200

SYSTEM

Format 1U rack mount
Front Flex Bay 1U – 4 x 3.5”

Software Embedded Linux firmware with over the air updates

VIDEO

Input Up to 64 IP cameras

Storage 128TB total in RAID 5 configuration. 96TB available for video storage.

Recording

# Cameras	Recording Resolution	Quality	Motion	Recording Duration
64	4MP	Medium	25%	90 Days
64	8MP	Medium	25%	60 Days
32	4MP	Medium	25%	180 Days
32	2MP	Medium	10%	365 Days

GENERAL

Dimensions 19.6” × 17.3” × 1.7”

Mounting Rackmount 1U

Operating Temperature 10°C ~ 35°C / 50°F ~ 95°F

Storage Temperature -40°C ~ 70°C / -40°F ~ 158°F

Power Supply 350W 80-PLUS Gold Power Supply

Weight 28.8 lbs. (4x HDD included)

Approvals CE, FCC Class A, NDAA Compliant

NETWORK

Wired 2x 1Gbps Ethernet with managed bonding

Security HTTPS, IP Filter

Protocols IPv4/v6, TCP/IP, UDP, NTP, HTTP, HTTPS, IGMP, DHCP, SMB/CIFS

HARDWARE MANAGEMENT

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

ORDERING INFORMATION

R1200 KPN: 203558

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