



# 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 capacity 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.

## SYSTEM

|               |                                               |                 |                                                   |
|---------------|-----------------------------------------------|-----------------|---------------------------------------------------|
| <b>Format</b> | 1U rack mount<br>Front Flex Bay 1U – 4 x 3.5" | <b>Software</b> | Embedded Linux firmware with over the air updates |
|---------------|-----------------------------------------------|-----------------|---------------------------------------------------|

## VIDEO

|                |                                                                        |
|----------------|------------------------------------------------------------------------|
| <b>Input</b>   | Up to 64 IP cameras                                                    |
| <b>Storage</b> | 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

|                              |                              |                     |                                 |
|------------------------------|------------------------------|---------------------|---------------------------------|
| <b>Dimensions</b>            | 19.6" × 17.3" × 1.7"         | <b>Power Supply</b> | 350W 80-PLUS Gold Power Supply  |
| <b>Mounting</b>              | Rackmount 1U                 | <b>Weight</b>       | 28.8 lbs. (4x HDD included)     |
| <b>Operating Temperature</b> | 10°C ~ 35°C / 50°F ~ 95°F    | <b>Approvals</b>    | CE, FCC Class A, NDAA Compliant |
| <b>Storage Temperature</b>   | -40°C ~ 70°C / -40°F ~ 158°F |                     |                                 |

## NETWORK

|              |                                        |                  |                                                              |
|--------------|----------------------------------------|------------------|--------------------------------------------------------------|
| <b>Wired</b> | 2x 1Gbps Ethernet with managed bonding | <b>Security</b>  | HTTPS, IP Filter                                             |
|              |                                        | <b>Protocols</b> | IPv4/v6, TCP/IP, UDP, NTP, HTTP, HTTPS, IGMP, DHCP, SMB/CIFS |

## HARDWARE MANAGEMENT

|                    |                                                  |                        |                                      |
|--------------------|--------------------------------------------------|------------------------|--------------------------------------|
| <b>Watchdog</b>    | Programmable WDT to generate system reset event  | <b>Real-time Clock</b> | Chipset integrated RTC               |
| <b>H/W Monitor</b> | CPU & System Temperatures, Input & Core Voltages | <b>TPM</b>             | Included for security and encryption |

## ORDERING INFORMATION

|       |             |
|-------|-------------|
| R1200 | KPN: 203558 |
|-------|-------------|