



# CheckVideo Analytics Server

model CV4IP-SVR-32T



A complete, **cloud-based** intelligent video system with **advanced analytics**.

**Reliable protection has never been this simple.**

The CheckVideo Analytics Server (CV4IP-SVR-32T) is a self-contained, Web-based intelligent video surveillance system with **built-in advanced video analytics** and recording for **up to 32 channels of video**. The IP Gateway includes always-on advanced video analytics that are 400% more accurate than motion detection, 24x7 recording, and automatic Cloud backup, all combined into a compact rack mount server. Supporting up to 32 1080p full-HD streams, the CV4IP-SVR-32T upgrades your cameras to an intelligent system.

The 32-Channel IP Gateway works hand-in-hand with the CheckVideo CloudVMS™ to provide all configuration, viewing and storage capabilities necessary for the user to realize the highest possible value from this solution. The CheckVideo CloudVMS™ provides all ongoing management of up to 32 channels with off-site Cloud backup, multi-location federation and a powerful video search engine.

## FEATURES



### FULL CLOUDVMS™

No software to download or install -- ever. Each channel has built-in tamper detection and 24/7 health monitoring.



### BUILT-IN NVR

24x7 video recording with remote playback, backup and search. NO additional hardware needed!



### ADVANCED VIDEO ANALYTICS

Converts security cameras into intelligent video sensors by accurately detecting people, vehicles, loitering and zone-of-interest violations. Dramatically reduces false alarms by up to 85% vs. outdoor PIRs or cameras with built-in motion detection.



### INCREASED RELIABILITY

Unlike other solutions that write video data continuously, causing the hard drive to spin constantly, the CV4IP-SVR-32T 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

### GREATLY REDUCED INFRASTRUCTURE COST

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

### SMART SEARCH

Instantly search one camera or multiple cameras at one or multiple locations in SECONDS, rather than hours or days.

### VIDEO MONITORING

Protect and monitor remote sites without ever having to watch live feeds. Video alerts are instantly delivered to email, mobile device or to a central monitoring station.

### NETWORK SECURITY

The CV4IP-SVR-32T requires no on-site setup beyond connection to power and network. CV4IP-SVR-32T is part of CheckVideo's fully managed video services, fully integrated with the CloudVMS™. All cameras connected to the analytics server are isolated from attackers.



## RECORDING

### Format

H.264 constrained Baseline,  
Main or High Profile

### Recording Frame-Rate

10, 15, 20, 25, or 30 fps

### Recording Resolutions

Variable, up to 8 megapixels

### Hard Drive

Built in RAID 5 storage provides 30 days of 1080p recording  
Additional capacities available

## VIDEO

### Input Video

RTSP streams, 2 second GOV, ONVIF discovery

### Resolutions

Input up to 8 megapixels. 32 cameras or 640 megapixels/sec

### Video Playback

Web Playback; iPhone®, Android™ compatible

### Streaming

RTSP re-streaming and transcoding of input video

## NETWORK

### Wired

Dual 10/100/1000 Mbps Ethernet (RJ-45)  
LAN (camera) port and WAN (Internet) port

### Security

HTTPS, IP Filter

### Protocols

TCP/IP, UDP, HTTP, HTTPS, ICMP, DHCP, NTP

## 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. Shelf available.

### Power Connector

C14 AC Connector (on rear)

### Input Voltage

AC 100V ~ 240V

## ALARM EVENTS (ANALYTICS)

### Analytics Setup

Calibration-free, auto-adapting analytics  
Classification and Tracking Engine  
Moving person  
Moving vehicles  
Detects moving objects (eliminates environmental motion)  
Zone violation  
Loitering  
Stopped vehicle  
Unlimited polygonal detection zones

### Video Alarm Clip

10-second video clip generated upon trigger of alarm,  
contains 2-4 seconds of pre-alarm video

### Alarm Triggers

Presence of person, vehicle, or motion  
Poor video  
Loss of communication

### Central Station Automation Integration

Bold Manitou, Micro Key MKMS, SIMS II/III, SureView Immix®,  
API available for integration to PSIMs

## ORDERING INFORMATION

### CV4IP-SVR-24T

Total capacity of 24TB with 18 TB for video recording

### CV4IP-SVR-32T

Total capacity of 32TB with 24 TB for video recording

### CV4IP-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.