



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.