



# 16-Channel IP Gateway

model CV4IP-16-6T



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

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

The CheckVideo 16-Channel IP Gateway™ (CV4IP-16-6T) is a self-contained, Web-based intelligent video surveillance system with **built-in advanced video analytics** and recording for **up to 16 channels of video**. The IP Gateway includes always-on advanced video analytics that are 400% more accurate than motion detection, 24x7 recording, a digital matrix display and automatic Cloud backup, all combined into a compact low-power device. Supporting up to 16 1080p full-HD streams per Gateway, the CV4IP-16-6T is a cost-effective upgrade to an intelligent video system.

The 16-Channel IP Gateway works hand-in-hand with the CheckVideo VMS™ to provide all configuration, viewing and storage capabilities necessary for the user to realize the highest possible value from this solution. The CheckVideo VMS provides all ongoing management of up to 16 channels with off-site Cloud backup, multi-location federation and a powerful video search engine.

## FEATURES



### 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.



### BUILT-IN DVR

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



### FULL CLOUD VMS

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



### SMART MATRIX

A local matrix display is available on a connected HDMI monitor. Analytics-triggered video highlights draw attention to up to 16 cameras that show various levels of activities and alerts (user defined).

## BENEFITS

### 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.

### SMART SEARCH

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

### GREATLY REDUCED INFRASTRUCTURE COST

With no additional software licenses to purchase or ANY additional hardware (servers) to maintain, provide multi-site federation to unlimited users.

### NETWORK SECURITY

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

## 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 1080p

### Hard Drive

Built in hard-drive records 16 cameras in high definition for up to 30 days.

## VIDEO

### Input Video

RTSP streams, 2 second GOV, ONVIF discovery

### Resolutions

Input up to 2 Megapixels or 1080p. 16 cameras or 320 megapixels/sec

### Video Playback

Web Playback; iPhone®, Android™ compatible

### Streaming

RTSP re-streaming of input channels

## GENERAL

### Dimensions

220mm x 245mm x 44 mm

### Connectors

Digital I/O 4 input 2 output  
HDMI- monitor output or VGA monitor output  
USB - mouse

### Operating Conditions

0°C to 40°C (32°F to 104°F)  
Humidity: 10% to 90%, no condensation

### Power Source

DC12V

### Power Consumption

60W; 5.0A

### Weight

5.6 lbs

### Approvals

CE, FCC, RoHS

## 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

## NETWORK

### Wired

10/100/1000 Mbps Ethernet (RJ-45)

### Security

HTTPS, IP Filter

### Protocols

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

## OUTPUT

### Monitor

Supports external 1080p HDMI or VGA display

### Live Matrix Display

2x2, 3x3, or 4x4 live display and PTZ control