



4-Channel Network Gateway

model CV400



Turns legacy analog cameras into a complete, **Web-based** intelligent video security system.

Reliable protection has never been this simple.

The **CheckVideo 4-Channel Network Gateway (CV400)** is a self-contained, Web-based intelligent video surveillance system with built-in advanced video analytics and recording for up to 4 channels of analog video. The 4-Channel Network Gateway includes always-on advanced video analytics that are 400% more accurate than motion detection, outputs for 24x7 recording to HDD and to a matrix display, plus automatic Cloud backup, all combined into a compact, low-power device. The CV400 is the most cost-effective way to upgrade legacy analog CCTV to an fully intelligent video security system.

Pair the 4-Channel Network Gateway with analog cameras of any kind to extract maximum value from investments already made in analog technology. The CV400's automatic connection to the **CheckVideo VMS™** provides all configuration, viewing and storage necessary for the user to realize the highest possible value from an analog system. The CheckVideo VMS provides all ongoing video management with off-site Cloud backup, multi-location federation and a powerful video search engine.

FEATURES



ADVANCED VIDEO ANALYTICS

Dramatically reduces false alarms by up to 85% vs. outdoor PIRs or cameras with built-in PIR detection.



ALARM PANEL INTEGRATION

Allows for 4 dry contact relay inputs or outputs to be connected to an alarm panel.



DVR CAPABILITY

Functions as primary DVR, incorporating standard, low-cost USB hard drive (not included) for continuous recording and storage, or as an addition to an existing camera/DVR system.



SECURE OFFSITE STORAGE

Stores all alert video clips at an offsite location, ready for instant search and viewing.

BENEFITS

CHECKVIDEO VMS™

All CheckVideo solutions feature 100% Web-based video management functionality with no servers or software installation required.

CONFIGURATION BACKUP

Stores configuration settings on the device and at a secure offsite location.

AUTOMATION SYSTEM HEALTH MONITORING

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

LOW CURRENT DRAW

Uses a DC input for most efficient battery operation.

DIGITAL ENCODER

Converts analog video signals to high-quality, low-bandwidth H.264 IP video.

APPLIANCE

Video Input	Four BNC NTSC/PAL, 75 Ω terminated inputs
Video Output	Single BNC NTSC/PAL quad output with alarm detection indicators
Diagnostic LEDs	Video input signals (4), Network communication, ethernet signal, power on, boot up indicator, DVR on
Contact I/O	4 dry contact relay inputs for alarm activation, 4 dry contact relay outputs (2.0 AMP max), Phoenix connectors included

VIDEO

Video Format	H. 264; 10-second video clip;
Video Recording	USB external hard drive (not included); 500GB drive provides approximately 60 days of 24/7 continuous recording
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NETWORK

Bandwidth	384kbps minimum upload speed; 512kbps+ for live streaming video (per camera)
Connector	RJ-45 Ethernet

GENERAL

Dimensions	2.0" (h) x 7.25" (w) x 7.5" (d)
Operating Conditions	10° to 55° C (50° to 131° F)
Power Source	9 to 12 VDC, 1.66A 9VDC power supply included (UL approved in US & Canada)
Weight	2.5 lbs, including power supply
Approvals	FCC Part 15, Class B, RoHS6, TUV (US & Canada), CE
Wall Mount	Part number CVMKZ04S1 accomodates external hard drive

ALARM

Video Analytics	Calibration-free, auto-adapting analytics Detects people, up to 200 feet Detects vehicles, up to 400 feet Detects moving objects (eliminates environmental motion) Zone violation Loitering person or stopped vehicle
Video Alarm	10-second video clip generated upon trigger of alarm; contains 2-4 seconds of pre-alarm video
Tamper Alarm	Poor video Loss of communication

VIDEO MANAGEMENT

VMS Software	CheckVideo web-based VMS enables live, recorded and search functionality as well as configuration and management of an unlimited number of cameras across multiple sites
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RECORDING

Video Recording	USB external hard drive (not included); 500GB drive provides approximately 60 days of 24/7 continuous recording
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FLEXIBLE SYSTEM CONFIGURATION

