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

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

FLEXIBLE SYSTEM CONFIGURATION

EXISTING ANALOG CAMERAS

VMS

VISUAL ALARM* AUDIBLE ALARM* ALARM SYSTEM* EXTERNAL HARD-DRIVE* ON-SITE MONITOR*

NON-VIDEO SENSORS*

*optional