



16-Channel Analog DVR Kit

model CV1600-K



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

INCLUDED PARTS

- One CV1600 encoder
- One CV4IP-16-6T IP Gateway

Reliable protection has never been this simple.

The **CheckVideo 16-channel DVR Kit** (CV1600-K) is a self-contained, Web-based intelligent video surveillance system with built-in advanced video analytics and recording for up to 16 channels of NTSC video. The CV1600-K includes an encoder and IP gateway with always-on advanced video analytics that are 400% more accurate than motion detection, 24x7 recording to a built-in HDD and live matrix display, plus automatic Cloud backup, all combined into a compact, low-power device. The CV1600-K is the most cost-effective way to upgrade legacy analog CCTV to a fully intelligent video security system.

The CV1600-K'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 connectivity to an access or alarm panel to trigger video clip generation on alarm, or alarm signal transmission when a person or vehicle is detected by the camera.



DVR CAPABILITY

Includes a 6TB HDD for continuous recording and storage.



SECURE OFFSITE STORAGE

Stores all event video clips with person or vehicle activity 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.

VERIFIED ALARMS

Sends video clips to central stations, phone and email to verify an alarm condition and ensure faster response.

GENERAL

Dimensions	Encoder : 232mm x 44mm x 235mm IP Gateway: 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	Encoder: DC12V, 24 W, power adapter IP Gateway: DC12V, 60 W, power adapter
Weight	2.5 lbs, including power supply (CV1600-K) 5.6 lbs, (CV4IP-16-6T)
Approvals	CE, FCC, RoHS
Mounts	Rack and wall mounts available

APPLIANCE

Video Input	Sixteen BNC connectors for NTSC video input.
Video Output	HDMI for 4x4 matrix display to a 1080p monitor

NETWORK

Bandwidth	512kbps minimum upload speed;
Connector	1Mbps+ for live streaming video (per camera) Requires external Ethernet switch with two available ports.

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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ALARM

Video Analytics	Calibration-free, auto-adapting analytics Detects people Detects vehicles 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

VIDEO

Video Format	H. 264; 480p
Video Recording	Resolution, 10fps 6TB HDD for 30+ days of 24x7 recording.