



Ruggedized Mobile NVR

model CV4IP-8-LTE/CV4IP-8-XT

Compact **cloud-managed** recorder
with **advanced analytics** and
cellular connectivity.

Actionable Video Surveillance that can be deployed anywhere.

The Ruggedized Mobile NVR model CV4IP-8 is a compact all-in-one smart surveillance solution. With industry leading analytics technology that has been proven for over 20 years, the CV4IP-8 turns IP cameras into a pro-active detection solution. With an extended temperature rating combined with a tiny 4.5 inch x 4.5 inch form factor, the CV4IP-8 can be deployed virtually anywhere. With an input capacity of up to 320 Megapixels/sec, the Ruggedized Mobile NVR supports 4x 8M or 8x 4M cameras. It combines 24x7 on-premise recording combined with cloud backup in full 8MP resolution.

The Ruggedized Mobile NVR is configured and managed through CheckVideo's CloudVMS. Combine multiple NVRs and federate them into a single unified solution through Cloud VMS. Convert your IP cameras to an alarm sensor and send notifications to central stations for faster, verified response. There has never been an easier way to provide comprehensive security. Two models available: CV4IP-8-LTE (cellular service required). CV4IP-8-XT (without cellular).

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 VIDEO RECORDING

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



CLOUD MANAGED

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



CELLULAR CONNECTIVITY

With a LTE modem included (model CV4IP-8-LTE)*, no separate Internet connection is required. This makes it possible to deploy surveillance in remote areas, parking lots, gates and fencelines.

*Requires data plan.

BENEFITS

VERIFIED ALARMS

All IP cameras connected to the NVR become alarm sensors, enabling verified monitoring and push notifications. Be alerted instantly to possible intrusions and stop crime.

MULTI-SITE FEDERATION

View cameras from multiple sites or recorders through a single interface, without ever having to log into the recorder.

AUTOMATED SYSTEM HEALTH MONITORING

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

VIDEO SEARCH ENGINE

Find relevant video in seconds, saves hours of time compared to traditional DVR's.

BUILT-IN CYBER-SECURITY

Hacker-proof and secured against network attacks.



RECORDING

Format

24x7 recording of H.264
Main or High Profile

Supported Frame-Rate

5, 10, 15, 20, 25, or 30 fps

Recording Resolutions

Onboard recording at 720p up to 8MP depending on incoming camera resolution. Optional cloud recording at up to 8MP.

Storage

Includes 1TB of onboard storage for up to 7 days of 24x7 video recording for up to 8 cameras.

VIDEO

Input Video

RTSP streams, 2 second GOV, ONVIF discovery

Resolutions

Supports up to 4x 8M or 8x 4M cameras. 320 Megapixels/second.

Video Playback

Local viewing, Web Playback, iPhone® and Android™ Apps

Streaming and Transcoding

RTSP re-streaming of all input video
Transcodes incoming video to 720p

GENERAL

Dimensions

4.5" (h) x 4.5" (w) x 1" (d)
Antenna is 6.5" in length

Connectors

Power, HDMI, USB

Operating Conditions

-20°C to 60°C (-4°F to 140°F)
Humidity: 10% to 90%, no condensation

Power Source

12 VDC 2A

Weight

1 lb

Approvals

FCC, CE

BACK PANEL



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

Dual Wired (10/100) Ethernet. LAN port for IP camera network. WAN port for uplink using wired Internet connection. Note that network ports are not PoE.

Cellular: Built-in LTE modem with automatic failover from wired WAN link. Requires cellular data plan not included (model CV4IP-8-LTE).

Protocols

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

OUTPUT

Monitor

Supports external 1080p HDMI display

Live Matrix Display

2x2, 3x3 live display and PTZ control of ONVIF cameras

MODELS

CV4IP-8-LTE

201192 (cellular service required)

CV4IP-8-XT

201253 (without cellular)