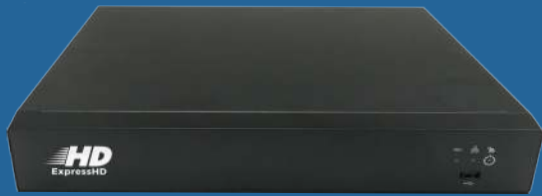# ExpressHD Recorder
model CVEHD-DVR

ExpressHD

Cost effective upgrade to HD video with analytics and cloud backup.

Reliable protection has never been this simple.

The **CheckVideo ExpressHD Recorder** (CVEHD-DVR) is an affordable, intelligent video surveillance system with built-in advanced video analytics and recording for up to 8 channels of HD. Compatible with multiple video formats including NTSC, AHD, and TVI, the CVEHD-DVR brings the most advanced video analytics that are 400% more accurate than motion detection. With 24x7 video recording built-in, the CVEHD-DVR can record up to 30 days of HD video. It also includes HDMI output for a matrix display, plus automatic Cloud backup, all combined into a compact, low-power device. The CVEHD-DVR provides enterprise features without breaking the budget.

The CVEHD-DVR includes the **CheckVideo CloudVMS™** which enables remote configuration, viewing, and playback from a web browser. The CheckVideo CloudVMS™ 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 dry contact relay inputs or outputs to be connected to an alarm panel.

DVR INCLUDED
Functions as primary DVR, for continuous recording and storage for up to 30 days.

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

BENEFITS

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

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.

APPLIANCE

Video Input
Eight BNC connectors
Supports NTSC, AHD & TVI cameras
All video is scaled to 1080p

Video Output
Single HDMI output supports monitors up to 1920x1080

Contact I/O
Dry contact inputs for alarm activation, dry contact output triggered by analytics

VIDEO

Video Format
H. 264 Main/High Profile

Video Recording
24x7 recording of video for up to 30 days

Hard Drive
Includes 4TB HDD

NETWORK

Bandwidth
2 Mbps upstream (min), not dedicated

Connector
RJ-45 10/100 Ethernet

Protocols
DHCP required, no static IP needed. TCP/IP, HTTP/HTTPS, NTP

GENERAL

Dimensions
2" (h) x 12.3" (w) x 11.5" (d)

Operating Conditions
0° to 40° C (32° to 104° F)

Power Source
12V DC, 24W

Weight
4.8 lbs, including HDD

Approvals
FCC, CE

VIDEO MANAGEMENT

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

Health Monitoring
Poor video
Loss of communication
Recording error

ALARM

EVERY CAMERA BECOMES AN ALARM SENSOR

Video Analytics
Calibration-free, auto-adapting analytics
Detects people, up to 100 feet*
Detects vehicles, up to 200 feet*
Detects moving objects (eliminates environmental motion)
Zone violation
Business Analytics

Video Alarm
10-second video clip generated upon trigger of alarm; contains 2-4 seconds of pre-alarm video

CLOUD BACKUP

Video Recording
Back up event video, with unlimited storage. Retention period available from 3 days to 2 years.

ACCESSORIES

Bullet 2MP camera	CVEHD-CAM-B-2	2.8mm lens
Dome 2MP camera	CVEHD-CAM-D-2	2.8mm lens

BACK PANEL

*optional with 12mm lens cameras