



ExpressHD Recorder

model CVEHD-DVR



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

Reliable protection has never been this simple.

The **Kastle Systems ExpressHD Recorder** (CVEHD-DVR) is an affordable, intelligent video surveillance system with builtin 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 **Kastle Systems VMS™** which enables remote configuration, viewing, and playback from a web browser. The Kastle Systems 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.



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.



FULL CLOUD VMS
Video backup, remote management, and health monitoring.

BENEFITS

KASTLE SYSTEMS VMS™
All Kastle Systems 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.



ExpressHD Recorder

model CVEHD-AHD

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

VIDEO

Video Format H. 264 Main/High Profile

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

Hard Drive Includes 6TB 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 Kastle Systems web-based VMS 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