



# EXPRESSHD RECORDER — E1104-16



The ExpressHD Recorder (E1104-16) is an affordable, intelligent video surveillance system with built-in advanced video analytics and recording for up to 16 channels of HD video. Compatible with multiple video formats including NTSC, AHD, and TVI. The E1104-16 brings the most advanced video analytics that are 400% more accurate than motion detection. With 24x7 video recording built-in, the E1104-16 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 E1104-16 provides enterprise features without breaking the budget.

The E1104-16 works with the KastleVideo Cloud VMS which enables remote configuration, viewing, and playback from a web browser. The KastleVideo Cloud VMS provides all ongoing video management with off-site Cloud backup, multi-location federation and a powerful video search engine.

## GATEWAY



### ADVANCED VIDEO ANALYTICS

Dramatically reduces false alarms by up to 85% vs. outdoor PIRs or cameras with builtin 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.

## VIDEO MANAGEMENT



### KASTLE CLOUD VMS

All KastleVideo solutions feature 100% Web-based video management functionality with no 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.



### CYBER-SECURITY INCLUDED

Hacker-proof and secured against network attacks.



## APPLIANCE

<b>Video Input</b>	16 BNC connectors Supports NTSC, AHD & TVI cameras over coax cable up to 5MP	<b>Video Output</b>	Single HDMI output supports monitors up to 1920x1080
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## VIDEO

<b>Video Format</b>	H.264/H.265 Main/High- Profile	<b>Video Encoding</b>	Encodes all incoming video and streams to H.264/H.265 and restreams over RTSP
<b>Video Recording</b>	24x7 recording of video for up to 30 days, includes 12TB HDD		

## NETWORK

<b>Bandwidth</b>	2 Mbps upstream (min), not dedicated	<b>Connector</b>	RJ-45 10/100/1000 Ethernet
		<b>Protocols</b>	DHCP required, no static IP needed. TCP/IP, HTTP/HTTPS, NTP, RTSP

## GENERAL

<b>Dimensions</b>	2" (h) x 12.3" (w) x 11.5" (d)	<b>Power Source/Power Consumption</b>	DC12V / 60W; 5.0A
<b>Operating Conditions</b>	0°C to 40°C (32°F to 104°F)	<b>Weight</b>	6.1 lbs.
		<b>Approvals</b>	CE, FCC, NDAA Compliant

## ALARM

<b>Engine</b>	Calibration-free, auto-adapting analytics Classification and Tracking Engine Moving person Moving vehicles Detects moving objects (eliminates environmental motion)	<b>Video Alarm Clip</b>	10-second video clip generated upon trigger of alarm, contains 2-4 seconds of pre-alarm video
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## VIDEO MANAGEMENT

<b>VMS Software</b>	KastleVideo web-based Cloud VMS enables live, recorded and search functionality as well as configuration and management of an unlimited number of cameras across multiple sites	<b>Health Monitoring</b>	Poor video Loss of communication Recording error
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## CLOUD BACKUP

<b>Video Recording</b>	Back up event video, with unlimited storage. Retention period available from 5 days to 2 years
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## ACCESSORIES

<b>ExpressHD Outdoor IR Mini-Dome</b>	KPN 201579
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## BACK PANEL

