

TH8

10-Channel High-definition Hybrid DVR

Record up to ten high-definition camera views, while offering the flexibility to support existing standard resolution (analog) cameras.

Get solid image quality plus a few extras to ensure event capture, like DVR Health Check, and geo fencing. HYBRID technology also allows you to upgrade to HD at your own pace while preserving your initial camera investment.



Full High-definition Surveillance

Record up to ten high-definition camera views up to 30 FPS per channel with audio.

Hybrid Technology

Support your existing cameras while upgrading to HD with your choice of recording resolution from D1 to 1080p.

Video Loss Protection

Supercap technology ensures your DVR continues to record even after a sudden power loss during an accident.

Dual Media Options

Up to 4TB of on-board storage, increasing video retention capacity.

Compatible Cameras:

Analog:



HD3Q Interior Dome



HD3U Interior Camera



HD3W Outdoor Wedge

IP Options:



C3Q9 Interior Mini Dome



C3W9 Outdoor Wedge

Accessories:



Event/Diagnostic Button



Hard Drive Dock III



GPS



G-Force Sensor

Optional Add-ons:



Wi-Fi auto-download & Video management



Live GPS Tracking



Live Video Streaming

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Video	
Recording Channels	8 channels (HD or Std Res), 2 IP channels, one audio per active video
Video Resolution	Max resolution 1920x1080 (1080p)
Record Stream Rate	Main: 30 FPS max per active channel Second: 5 FPS max per active channel
Quality Settings	Adjustable, 4 levels
Auto Overwrite	Selectable On/Off
Display Modes	1-Up or 9-Up (1-9 Channels) 1-Up or 16-Up (10+ Channels)
Playback Rate	Frame advance, FFD and REV playback up to 32x
Search Function	Segment, alarm, date/time, event
User Interface	OSD on local video out with mouse or vMax Web using web browser
Delay On/Off	Record Delay on ≤ 1 hr Record Delay off ≤ 1 hr Power Delay off ≤ 4 hr
On-Screen Display	Main title, time & date, record status
Dual Streaming	Capable of sending low-bandwidth video images live over an optional broadband (cellular) network
Storage	
Primary	Hard Drive
Secondary	SDHC/SDXC Media
Primary Capacity	Removable cartridge supports single or dual drives with capacities up to 4TB (HDD or SSD)
Secondary Capacity	Up to 512GB
Input/Output	
Network Interface	5 port Ethernet switch (TCP/IP)
Panic Alarm Input	20' (6 m) harness with panic button
Video Out	1 RCA

Smart Features	
Smart-Temp™	Ensures the DVR stays at its optimal operational temperature
Smart-Start™	Safeguards the DVR against electrical spikes with vehicle start-up voltage protection
Inertia Sensor	Optional external G-sensor option
Electrical	
Voltage Range	8 to 32 VDC
Transient Protection	600 W for power input, 400 W per signal input
Wiring Harness	20' (6m) harness for power
Configuration Backup	Time & programmed info (retained up to 10 years)
Mechanical/General	
Dimensions (H x W x D)	2.8x 11.6x 10.5 in (72 x 294 x 267 mm)
DVR Weight	6.6 lbs (3 kg)
Environmental	
Operating Temperature	-30 to 50°C (-22 to 122°F)
Approvals	
Emissions	FCC (Title 47, Part 15, 47 CFR 15)
Vibration	Vibration Tested against SAE-1455 and MIL-STD 810F
Specifications – Plus System	
Signals	5 external signal inputs + 5 internal signals
Video Alarms	4 internal alarms linked to signals, alarm inputs, or other internal triggers
Event/Diagnostic Button	An indicator panel that marks events for quick searches and displays DVR status
GPS Ready	Records vehicle speed and location with optional GPS receiver; enables synchronized mapping when used with compatible software
Geo-fencing	Uses GPS technology to set a geographical boundary for a vehicle; receive an alert if it deviates
SuperCaps	Protects against video loss in case of sudden power disruption such as during an accident
Communication	Optional external Wi-Fi

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