

DH6

6-Channel, High-Definition DVR

Record up to six camera views in full high-definition (1080p) while maintaining support for existing HD (720p) and standard resolution (analog) cameras.

Get premium image quality, full motion video, and valuable extras such as built-in GPS and the latest wireless transmission standard, speed, acceleration, and geo-fencing alarms, plus remote DVR health monitoring via hardware and software options.



Full High-Definition Surveillance

Record from up to six built-in, full high-definition (1080p) channels or up to seven with IP expansion.

Hybrid Technology

Supports IP plus high-definition (720p) and standard definition analog cameras.

Remote Diagnostics

Remote diagnostic indicator provides DVR status (includes video loss) to the vehicle operator and advanced DVR health diagnostics are available on VMS software.

Valuable Built-In Options, Now Standard

Standard options WiFi & GPS enable automatic download and geo-tracking capabilities right out of the box.

Media Options

Up to 4TB primary storage and backup storage options up to 1TB.

Tested Tough for Heavy Duty Road Vehicles

Tested against SAE-J1455 & MIL-STD-810 for electronic equipment used in heavy duty vehicles (includes shock, vibration, voltage fluctuations, and more).

Recommended Cameras:



HD2Q Interior Dome



HD3Q Interior Dome



HD3U Interior Camera



HD3W Outdoor Wedge

Accessories:



"RGY-Button" Event Diagnostic Module



Hard Drive Dock III



GPS Antenna



G-Force Sensor



WiFi Antenna

Optional Add-ons:



Wi-Fi auto-download & Video management



Live GPS Tracking



Live Video Streaming

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Video

Recording Channels	6 channels built-in plus one via IP expansion with one audio channel per active video channel
Video Resolution, Analog	Main: Up to 1920x1080 (1080p) Second: 704x240 or 480x272, camera dependent
Record Rate, Analog	Main: Up to 30 FPS at 720p Main: Up to 30 FPS at 1080p (120 FPS Max, Shared) Second: Up to 5 FPS all channels
IP Expansion	1 IP camera via injector
IP Camera	Up to 3 Megapixel, 30 FPS, 10 Mbps
Quality Settings	Adjustable, 4 levels
Codec	H.264
Auto Overwrite	Selectable On/Off
Display Modes	1UP or 6UP
Playback Rate	Frame advance, FFD and REV playback up to 32x
Search Function	Segment, alarm, date/time, event
User Interface	OSD with mouse, web browser, Evidence Manager video review software
Delay On/Off	Record On Delay ≤ 1 Hour Record Off Delay ≤ 1 Hour Power Off Delay ≤ 4 Hour
On-Screen Display	Main title, time & date, record & system status
Dual Stream Transmission	Transmit main or second stream live video and audio over an optional broadband (cellular) network

Storage

Primary	Removable Storage Cartridge HDD/SSD: 500GB, 1TB, 2TB SSD Only: 4TB
Backup	Type: SDHC/SDXC Media (Optional) Size: 32GB, 64GB, 128GB, 256GB, 512GB, 1000GB (1TB)

Input/Output

Network Ports	Front: 1 Port Rear: 2 Port, 1 at 12V PoE
Monitored Inputs	10 (7 Signals + 1 Wake + 2 Alarm)
Video Out	1 Front with Audio, 1 Rear
Status Indicators	3 LED on DVR + Optional Diagnostic Indicator
Signal Out	1 at 12V, 100ma max

Wireless

GPS	Built-in GPS with antenna port
Wi-Fi	Built-in 802.11 (AC, AN, BGN) with dual antenna ports

Smart Features

Smart-Temp™	Ensures the DVR stays at its optimal operational temperature
Smart-Start™	Vehicle startup voltage protection safeguards DVR from electrical spikes
Smart-Stop™	Shuts down DVR if download activity is complete (requires Commander)
Temp Power	Turns on DVR for short duration maintenance activities
Inertia Sensor	3-axis external G-Sensor option

Electrical

Voltage Range	9 to 36 VDC Operating
Transient Protection	600 W for power input, 400 W per signal input
Configuration Backup	Time & programmed info (retained up to 7 years)

Mechanical/General

Dimensions (H x W x D)	2.5 x 7.0 x 11.5 in (64 x 178 x 292 mm)
DVR Weight	5.3 lbs. (2.4 Kg) with front door and rear shroud
Locking Front Door	Restricts access to user interfaces ports and media
Rear Shroud	Added protection for rear ports and connectors
Primary Storage Lock	Restricts access to media removal

Environmental

Operating Temperature	HDD: -30 to 50°C (-22 to 122°F) SSD: -40 to 60°C (-40 to 140°F)
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Approvals

Emissions	FCC Part 15, Class A
Shock, Vibration, & Electrical	Tested against SAE-J1455 and MIL-STD-810G standards for Heavy Duty Vehicles

Specifications – Plus System

Signals	7 external signal inputs + 3 internal signals
Alarms	4 actions triggered by a signal or alarm input
Wake	Starts DVR directly into record mode
Diagnostic Indicator	Remote DVR status display
Event Button	2 alarm inputs, each adds an event mark to video
Location, Speed, Time	Automatically sync time and record vehicle location and speed (GPS antenna required)
Geo-fencing	Trigger alarm if vehicle exits geo-boundary

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