

DH4C

4-Channel, High-definition, Solid State DVR

Record up to four 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 video from up to four full high-definition cameras for the best clarity and image quality.

Hybrid Technology

Maintains support for existing high-definition (720p) and standard resolution (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 3 primary SD card storage options: 128GB, 256GB, 512GB (1TB capable).

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).

Compatible 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



WiFi Antenna

Optional Add-ons:



Wi-Fi auto-download & Video management



Live GPS Tracking



Live Video Streaming

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Driving Safety Forward™

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Video	
Recording Channels	4 channels video (HD or Std Res) and audio
Dual Stream Record Video Resolution	Main Stream: Configurable to 1080p on each channel with options 1920x1080 (1080p), 1280x720 (720p), and 720x480 (D1) Second Stream: Fixed at 320x240 (CIF) for all channels
Dual Stream Record Video Rate	Main Stream: 30 FPS on all video channels at 720p or less, 15 FPS on all video channels at 1080p Second Stream: 1-5 FPS independent of the main stream
Quality Settings	Adjustable, 4 levels
Codec	H.264
Auto Overwrite	Selectable On/Off
Display Modes	1UP or 4UP
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 Delay on ≤1 hr Record Delay off ≤1 hr Power Delay off ≤4 hr
On-Screen Display	Main title, time & date, record status
Dual Stream Transmission	Transmit main or second stream live video and audio over an optional broadband (cellular) network
Storage	
Primary	SD Card Options: 128GB, 256GB, 512GB (1TB Capable)
Input/Output	
Interface Ports	1 Ethernet (12V PoE), 2 USB, 1 Video Out
Monitored Inputs	5 Signals + 1 Alarm (Event Button)
Status Indicators	3 LED on DVR + Optional Diagnostic Indicator
Wireless	
GPS	GPS Module Built-In with rear mounted SMA
Wi-Fi	802.11 Module Built-In (AC, AN, BGN) with rear mounted SMA

Smart Features	
Smart-Temp™	Ensures the DVR stays at its optimal operational temperature
Smart-Start™	Vehicle startup voltage protection safeguards DVR from electrical spikes
Temp Power	Turns on DVR for short duration maintenance activities
Inertia Sensor	3 axis G-sensor built-in
Electrical	
Voltage Range	9 to 32 VDC Operating
Transient Protection	600 W for power input, 400 W per signal input
Configuration Backup	Time & programmed info (retained up to 10 years)
Mechanical/General	
Dimensions (H x W x D)	1.6 x 6.2 x 6.9 in (41 x 157 x 174 mm)
DVR Weight	1.4 lbs (643 grams)
Primary Storage Lock	Restricts access to media removal
Environmental	
Operating Temperature	-30 to 55°C (-22 to 131°F); fanless design
Approvals	
Emissions	FCC Part 15, Class B
Shock, Vibration, & Electrical	Tested against SAE-J1455 and MIL-STD-810G standards for Heavy Duty Vehicles
Specifications – Plus System	
Signals	5 external signal inputs + 5 internal signals
Alarm	4 actions triggered by a signal or alarm input
Diagnostic Indicator	Displays DVR status at remote location (normally near driver)
Event Button	Adds an event mark to video which enables quick search functionality
Location, Speed, Time	GPS module automatically synchronizes time, and records vehicle location and speed. GPS antenna required.
Geo-fencing	Establish a vehicle geo-boundary and trigger an alarm if it deviates

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