



CRXS

8-Channel HD Vehicle Recorder

Enhanced surveillance and storage

The CRXS is a super HD capable, cloud-connected mobile DVR designed to record video and telematics data, providing powerful insights into driving dynamics like harsh braking, cornering and accelerating. HD video can be captured in and around vehicles with up to 8 cameras, plus an optional monitor to increase driver visibility. Events, including accidents, are automatically uploaded to the cloud along with near-live video and historical data access. Packed with sensors and high-speed connectivity, the CRXS provides real-time decision-making capabilities for operators and managers to coach drivers, capture incidents and reduce costs.

Highlights



Customizable configuration with automated wake-up for remote management



Broad compatibility with various camera types



External GNSS support for accurate location tracking



Maximize external visibility and collect contextual evidence to protect your drivers

Features

- 4G/LTE, LAN or Wi-Fi data transmission for real-time event notifications
- Ruggedized design for commercial use
- Up to 8 camera inputs with multiple camera options and plug-and-play compatibility
- Capable of supporting up to 2TB in storage capacity
- Compatible with an in-cab LCD monitor, supporting customizable and context-aware display modes from one to eight channels simultaneously
- Alarm I/O harness automates switching of camera channels
- Tamper-resistant locking cover and secure rear cable input cover

CRXS Technical Specifications

Mechanical

Size	178mm (W) x 50mm (H) x 170mm (D)
Weight	1.1 kg / 2.4 lbs
Input Interface	Built-In Keypad; 10 Buttons

Electrical

Power Input	12V / 24V
Power Output	12V 1A, 2 (front, rear)
Power Consumption	Max: 96W

Video Resolution	HD: 2592x1944, 2560x1440, 2048x1536, 1920x1080, 1280x720 TVI: 2560x1944, 2560x1440, 2048x1536, 1920x1080, 1280x720 CVI: 1920x1080, 1280x720 NTSC: 960x480, 720x480, 720x240, 352x240 PAL: 960x575, 720x576, 720x288, 352x288
Recording Speed	NTSC: Up to 30 FPS (per channel) PAL: Up to 25 FPS (per channel)
Recording Mode	Continuous, Event and Dual Mode
Recording Channels	8 x Video (5M, 4M, 3M, HD, NTSC, PAL), 8 x Audio
Video Output	2 (front, rear)
Storage	SSD: One Slot x (1TB, 2TB, 4TB) SD Card: One Slot x Support FAT32 or EXT4 (8GB - 256GB)
Serial	6 Serial Ports
Signal	Left, Right, Brake, Reverse, Speed Pulse, RPM, ACC
Alarm In / Out	8 x Input, 2 x Output
LED	4 LED (Red, Orange, Blue, Green)

Environmental

Operational Temperature	-10° to +60° C
Storage Temperature	-20° to +70° C

Communications

Wi-Fi	Optional
Cellular	Yes; External
LAN	Yes
SmartAPI Integrated	Yes
Data Analysis Software	Windows Only
Viewer Software	Windows and MacOS

Positioning

GNSS	External GPS, GLONASS (1 each)
G-Sensor	Internal 3-Axis, Output Rate: 100 Hz
Gyro	Internal 3-Axis, Output Rate: 100 Hz

Compliance

Certification/Regulatory	FCC, CE, E-Mark
Warranty	2-Years Standard

