



CP4S

4-Channel HD
Vehicle Recorder

Enhanced Visibility and Protection

Sensata INSIGHTS' 4-Channel HD Vehicle Recorder, the CP4S, is a cloud-connected mini DVR. Designed to record high-resolution telematics data, the CP4S provides powerful insights into driving dynamics like harsh braking, cornering and accelerating. Increase driver blind-spot visibility with the support of up to 4 cameras and an optional monitor to capture video in and around vehicles. Cameras record the 10 seconds before and after an event and the event itself, and the CP4S automatically uploads event data to the cloud. Packed with sensors and high-speed connectivity, the CP4S provides real-time decision-making capabilities for operators and managers to coach drivers, capture incidents and reduce costs.

Highlights



Video collects contextual evidence to protect you and your drivers



Provide in-cab visibility to external views



Reduce vehicle blindspot footprints



Adaptable to almost any use case

Features

- 4G/LTE data transmission for real-time notification of events
- Supports up to 4 cameras
- HD video across all 4 channels
- Compatible with an in-cab LCD monitor, supporting customizable and context-aware display modes from one to four channels simultaneously
- Supports up to 1TB of storage
- Compact, temper-resistant and secure design
- Built-in temperature logic for improved performance in high-temperature environments
- SD error/corruption detection with remote support and management

CP4S Technical Specifications

Mechanical

Size	28 mm H x 120 mm W x 90 mm D / 1.1" H x 4.7" W x 3.5" D
Weight	166 g

Electrical

Power Input	12/24V DC nominal
Power Consumption	Max. 36 W
Delayed Power Shutdown	Yes
Supercapacitor	Enables Recording of Last File & Safe Shutdown
Video Resolution	Supports HD (1080p) on Channel 1, HD (720p) on Channels 2~4
Recording Speed	4 Channels HD at 15 FPS
Recording Mode	Continuous, Event and Dual Mode
Storage	Supports SD Cards up to 1TB
AV In / Out	1 x Audio In (internal/external microphone) / 1 x Video Out; 1 x Audio Out
Alarm In / Out	4 x Alarm In / 1 x Alarm Out
LED	Green LED (network), Blue LED (recording), Red LED (error)

Environmental

Operational Temperature	-10°C~+55°C
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Communications

Cellular	CP4S-NA [CAT4]: B2/B4/B5/B12/B13/B14/B66/B71 3G Bands: B2/B4/B5
	CP4S-EU [CAT4]: B1/B3/B7/B8/B20/B28A/B38/B40/B41 3G Bands: B1/B8

Positioning

GNSS	External GPS/GLONASS
G-Sensor	Internal 3-Axis G-Sensor
Gyro	3 Axis (X,Y,Z), Output Rate: 100 Hz

Compliance

Certification/Regulatory	FCC, AT&T, Verizon, CE, E-Mark, PTCRB, RoHS
Warranty	2-Years Standard



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