Siera Electronics



SXM 200-W

Intelligent Multi-Channel DashCam with AI, 4G and GPS

Siera Xtreme Mobile is a line of MNDVRs, dashcams, and bodycams with advanced features designed to meet all the needs of the mobility market.

Key Specifications

- Front 1080P camera + rear 720P camera
- H.264 / H.265 video encoding
- Multi-channel camera support
- Dual Micro SD card slots, up to 1 TB per card
- Integrated 4G LTE + Wi-Fi + GPS / BD / GLONASS connectivity
- AI processing – 1.0 TOPS
- Standard intelligent algorithms: ADAS, DMS / DSM, Driver Facial Recognition (FR)
- Two-way audio
- Integrated emergency SOS button
- 5 alarm inputs
- 1 alarm output
- Professional expansion ports (2 × RS232)
- Compatible with SXM Siera Xtreme Mobile and SXM Dashcam

SYSTEM	
Languages:	Multi-language
Operating System:	Linux
Processor:	ARM Dual-Core 1.2 GHz - AI Computing Power 1.0 TOPS
Memory:	Integrated 2GB DDR
Flash:	2 GB
Menu / Mobile App:	SXM Siera Xtreme Mobile, SXM Dashcam
VIDEO	
Built-in Video Inputs:	Front 1080P - Angle: D125° / H106° / V58° Rear 720P - Angle: D148° / H122° / V63°
Additional Cameras:	Up to 2 AHD 720P cameras (depending on version)
Video Output:	1 AV channel
Format:	H.264 / H.265
Resolutions:	1080P / 720P / D1
Recording Modes:	Automatic recording on power-up, ignition trigger, alarm trigger, etc.
Audio	
Input:	Integrated digital microphone
Output:	Integrated 3W speaker with acoustic chamber
Format:	G.711A
COMMUNICATION AND POSITIONING	
4G:	Integrated 4G LTE TDD / FDD
Wi-Fi:	Integrated
GPS:	External GPS antenna included. Compatible with GPS / BD /GLONASS for maximum accuracy.
G-Sensor:	Integrated accelerometer
ALARMS AND I/O	
SOS Button:	Integrated
Alarm Inputs:	5
Alarm Output:	1
Serial Ports:	2 × RS232 (fuel sensors, RFID, breathalyzer, etc.)
Power Outputs:	1 × 5V / 1 × 12V
Speed Sensor:	Optional
ARTIFICIAL INTELLIGENCE	
ADAS:	FCW, LDW, HMW, PCW
DSM / DMS:	Smoking detection, phone usage, yawning, drowsiness, distracted driving, driver absence detection, camera obstruction detection, eyewear identification, and driver facial recognition (FR).

WARRANTY 3 YEARS

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STORAGE AND PORTS	
Micro SD Card:	2 x up to 1 TB each (Minimum recommended capacity: 64 GB; Type A2 / U3.)
Firmware Upgrade:	Via MicroSD card or automatic remote FTP
USB:	Type-C
SIM:	Nano SIM
POWER	
Power Management:	Protection against overload, undervoltage, short circuit, and reverse polarity; scheduled power-on and delayed shutdown
Input Voltage:	DC 9V - 36V
Power Consumption:	< 5W (without peripherals)
OPERATING ENVIRONMENT	
Temperature:	-20 °C to +70 °C
Humidity:	20% - 80%
MANAGEMENT	
Password Access:	Two levels (user / administrator)
Platform Protocols:	SXM / JT / T808-2013 / 2019, JT / T1076-2016, JT / T1078-2016
Platforms:	SXM Siera Xtreme Mobile, SXM Dashcam
Dimensions:	114 × 65 × 69 mm
Warranty:	3 years*

WARRANTY 3 YEARS

*as per https://sieraelectronics.com/en/warranty/

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