Siera Electronics



SXM 300-W

Intelligent Multi-Channel DashCam with 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

- 4 MP front camera + 1080P rear camera
- H.264 / H.265 recording
- Advanced AI: ADAS, DMS, and Facial Recognition (optional)
- Integrated 4G + Wi-Fi + GPS
- Two-way audio with 3 W speaker
- Up to 2 TB of storage (2 × Micro SD)
- 5 alarm inputs and 1 alarm output
- Wide 9–36 V DC voltage range
- Compatible with SXM Siera Xtreme Mobile and SXM Dashcam

SYSTEM	
Languages:	Multi-language
Operating System:	Linux
Menu / Mobile App:	SXM Siera Xtreme Mobile, SXM Dashcam
Processor:	Dual-Core ARM® Cortex™-A9
Computing Power:	1.5 TOPS
RAM Memory:	8 GB DDR
ROM / Flash Memory:	2 GB
VIDEO	
Video Input	
Front Camera (Built-in):	4 MP, WDR
Angle:	D 131° / H 111°/ V 59°
Rear Camera (Built-in):	1080P
Angle:	D 148° / H 122° / V 63°
Additional Cameras:	Supports 2 external 1080P AHD cameras
VIDEO OUTPUT	
Optional:	1 AV output
Format:	H.264 / H.265
Resolutions:	4 MP, 1080P, 720P, D1
Quality:	Levels 1 to 4
Recording Mode:	Automatic recording on startup
	Ignition-triggered recording
	Alarm-triggered recording
AUDIO	
Input:	1 channel with integrated digital microphone
Output:	1 channel, built-in amplifier, 3 W speaker with acoustic chamber
Format:	G.711A
CONNECTIVITY AND SENSORS	
4G:	Integrated (TDD-LTE / FDD-LTE)
Wi-Fi:	Integrated
GPS:	Integrated BD / GPS / GLONASS module
G-Sensor:	Integrated accelerometer
SOS Button:	Supported
ALARMS AND I/O (INPUTS / OUTPUTS)	
Alarm Inputs:	5
Alarm Output:	1
Power Outputs:	1×5 V
	1 × 12 V

WARRANTY 3 YEARS

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Siera reserves the right to apply changes on the specifications of the products at any moment without prior notice.
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Ports	
RS232:	2 channels (fuel sensor, RFID reader, breathalyzer, etc.)
CAN:	Optional, 1 channel
Speed Sensor:	Optional, 1 channel
STORAGE	
Micro SD Cards:	2xup to 1 TB each (Minimum recommended capacity: 64 GB; Type A2 / U3.)
Firmware Upgrade:	Via Micro SD card
Remote Upgrade:	Automatic via FTP
USB:	Type-C
SIM:	1 Nano SIM card
AI ALGORITHMS (OPTIONAL)	
ADAS:	FCW, LDW, HMW, PCW
DMS:	Smoking detection; Phone usage detection; Yawning detection; Drowsiness detection; Distracted driving detection; Driver absence detection; Camera obstruction detection; Sunglasses detection; Seat belt detection
FR:	Driver Facial Recognition
POWER	
Power Management:	Wide voltage input with protection against overload, undervoltage, short circuit, and reverse polarity. Scheduled power on/off Delayed shutdown
Input Voltage:	DC +9 V ~ +36 V
Power Consumption:	< 8 W (without peripherals)
OPERATING ENVIRONMENT	
Temperature:	-20 °C to +70 °C
Humidity:	20% to 80%
MANAGEMENT	
Access:	User and administrator passwords (two levels)
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*

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

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