Siera Electronics



SXM 100-W

AI Dual Dashcam for Vehicles, 1080P, GPS / Wi-Fi

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

- Dual front and rear 1080P cameras, compatible with ADAS, DMS, and facial recognition
- Compatible with external G-mouse GPS, integrated Wi-Fi, and intelligent AI algorithms
- Built-in microphone and speaker for two-way communication
- Supports SD cards up to 512 GB
- Integrated 3-axis G-Sensor for impact and sudden movement detection
- Supports 1 alarm output channel
- Firmware upgrade via SD card or FTP
- 9–36 V vehicle power supply with multiple protection mechanisms
- Operating temperature range: -20 °C to +70 °C

SYSTEM	
Operating System:	Embedded Linux
System Languages:	Multi-language
Graphical User Interface (GUI):	Web interface or mobile application
CPU:	ARM Dual-Core 1.2 GHz
Memory:	2 GB DDR Flash
VIDEO AND RECORDING SYSTEM	
Video Inputs:	Front camera: 1080P (105°H / 62°V) Rear camera: 1080P (122°H / 63°V)
Video Format:	H.264 / H.265
Preview:	Viewing through app or web browser
Resolution:	1920 × 1080P per channel
Recording Mode:	Automatic on power-up; quality levels 1-4
AUDIO	
Audio Inputs / Outputs:	Built-in microphone and speaker
Speaker Power:	2 W
Format:	G.711A
ALARMS	
I/O Outputs:	1 alarm output channel
NETWORK AND CONNECTIVITY	
Wi-Fi:	Integrated
GPS:	External G-mouse GPS
INTERFACES AND SENSORS.	
USB:	Supported
G-Sensor:	Integrated 3-axis G-Sensor
Intercom:	Supported through built-in microphone and speaker
STORAGE AND PLAYBACK	
SD Card:	Supports up to 512 GB. (Minimum recommended capacity: 64 GB; Type A2 / U3.)
Video Playback:	Search by time and events; playback through app or web
POWER	
Power Management:	Protection against overload, undervoltage, short circuit, and reverse polarity connection
Input Voltage:	DC 9 V ~ 36 V
Power Consumption:	<5 W
AL ALGORITHMS	
ADAS:	Supported
DMS:	Supported
Facial Recognition:	Supported

WARRANTY 3 YEARS

Siera reserves the right to apply changes on the specifications of the products at any moment without prior notice.
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SECURITY	
Password Access:	Supported
OPERATING ENVIRONMENT	
Temperature:	-20 °C to +70 °C
Humidity:	20% to 80%
Dimensions:	125 × 85 × 45 mm
Included Items:	Vehicle Camera (Dashcam)
	Power Cable
	GPS Antenna
	RS232 Cable
	Mounting Bracket
	Accessory Kit
Warranty:	3 years*

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

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