



SXM 101-W

AI Dual Dashcam for Vehicles,
1080P, GPS / 4G / 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

- Front 1080P camera, rear 720P camera, and the ability to connect up to 2 additional 720P cameras
- Compatible with GPS, Wi-Fi, 4G, and intelligent AI algorithms
- Supports ADAS, DMS, and driver facial recognition
- Built-in microphone and speaker for two-way communication
- Supports SD cards up to 512 GB and an emergency SOS button
- 3 alarm inputs and 1 alarm output
- Integrated 3-axis G-Sensor for impact and sudden movement detection
- 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 720P Supports up to 2 additional 720P cameras
Video Format:	H.264 / H.265
Preview:	Viewing through mobile application or web browser
Resolution:	Up to 1920 × 1080P front channel + auxiliary 720P channels
Recording Mode:	Automatic on power-up; quality levels 1-4

AUDIO

Audio Inputs / Outputs:	Built-in microphone and speaker
Speaker Power:	2W
Format:	G.711A

ALARMS

I/O Inputs:	3 alarm input channels
I/O Outputs:	1 alarm output channel
SOS Button:	Included

NETWORK AND CONNECTIVITY

Wi-Fi:	Integrated
4G:	Integrated module
SIM Card:	Nano SIM
GPS:	External G-mouse GPS

INTERFACES AND SENSORS

USB:	Supported
RS232:	2 ports, compatible with oil sensors, temperature sensors, humidity sensors, card readers, OBD, etc.
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



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POWER

Power Management:	Protection against overload, undervoltage, short circuit, and reverse polarity connection
Input Voltage:	DC 9 V ~ 36 V
Power Consumption:	< 5 W

AI ALGORITHMS

ADAS:	FCW, LDW, HMW, PCW
DMS:	Smoking, phone use, yawning, drowsiness, distracted driving, driver absence detection camera blocking, sunglasses detection
FR:	Facial Recognition

SECURITY

Password Access:	Supported
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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
	SOS Button
	Accessory Kit
Warranty:	3 years*

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