



SXM 30408HSG4W

4-Channel Analog Mobile DVR

8 IP Channels, 4G, WiFi with HDD/SSD/SD

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

- 1 × 2.5" HDD/SSD + 1 × Micro SD storage
- H.265 video and G.711a audio compression
- 8–36 V vehicle power supply
- Protection against overload, short circuit, and reverse polarity
- Industrial aviation connectors
- Built-in capacitor bank for protection against power surges and outages
- Delayed shutdown and intelligent power Management
- Video loss alarm
- Extensive connectivity: 4G, GPS, LAN, WiFi
- Optional AI support (ADAS / DMS / Facial Recognition / Passenger Counting)
- Supports up to 3 passenger counting channels
- Supports up to 5 AI functions simultaneously (1 per channel for BSD cameras and 1 per channel for passenger cameras)
- Allows expansion with up to 8 additional IP cameras (using a network switch), reaching a total of 12 cameras
- Compatible with the SXM (Siera Xtreme Mobile) platform for monitoring, playback, analysis, and remote management

System

Operating System:	Embedded Linux
System Languages:	Multi-language
Video Compression:	H.265 / H.264
OSD:	Character overlay; Supports Date, Time, Vehicle ID, and other information
Graphical User Interface (GUI):	Parameter configuration through external monitor and remote control
Video and Recording System Video Inputs:	4CH (aviation connector), 1.0Vp-p, 750
Video Outputs:	CVBS + VGA
Preview:	Single-channel or multi-screen display; supports full-screen display through manual or event-triggered activation
Resolution:	1080P / 720P / D1 / CIF (up to 4 channels at 1080P)
Recording Modes:	Automatic by default, ACC recording, manual recording, alarm-triggered recording, among others

Audio

Audio Inputs:	4CH (aviation connector)
Audio Output:	1CH (aviation connector)
Format:	G.711a, 40 KB/s bitrate
I/O Inputs:	6CH, compatible with door sensors, left/right turn signals, and reverse signals
I/O Outputs:	2CH, for relay connection (fuel/power cut-off), audible and visual alarms, etc.

Communication Ports

RS232:	2 × RS232
RS485:	1 × RS485
CAN:	1 × CAN (optional)

Power Output

12V:	For external devices such as fuel or temperature sensors
5V:	For peripherals such as RFID card readers

Network and Connectivity

4G:	Built-in 4G module
WiFi:	Supported
Wired Network:	Supported
Positioning:	Built-in GPS / BD (GPS + GLONASS)





Interfaces and Sensors	
USB:	Supports USB devices for video backup or firmware upgrades
G-Sensor:	Built-in acceleration sensor
Intercom:	SPK interface for two-way communication between platform and device or speaker connection
Speed Pulse:	Optional
Storage and Playback	
HDD/SSD:	1 × 2.5" drive, loop recording
TF Card:	1 x Micro SD, loop recording (Minimum recommended capacity: 64 GB; Type A2 / U3)
Fireproof Box:	External, for video recovery in disaster situations (optional)
Video Playback	
Search:	By recording time, recording mode, etc.
Playback:	Synchronized multi-channel playback with fast forward and rewind
Playback Speed:	2x / 4x /8x/16x
Power Supply	
Power Management:	Adaptive wide-voltage input with protection against overload, overvoltage, undervoltage, short circuit, and reverse polarity. Supports scheduled power on/off and delayed shutdown.
Input Voltage:	DC 8 ~ 36 V
Power Consumption:	Maximum operating: 5 W - Standby: 0.5 W
AI Algorithms (Optional)	
DSMX (Driver Monitoring System):	Seat belt detection, smoking detection, mobile phone usage detection, yawning detection, eye closure detection, distracted driving detection, abnormal driver behavior detection, video occlusion detection, sunglasses detection
FR:	Facial Recognition
ADAS:	FCW, LDW, PCW, dangerous vehicle distance detection
BSD:	Front right, front left, side right, side left, front (choose 4 of 5)
Passenger Counting:	Supports up to 3 channels
Security	
Password Access:	Dual-level management (User and Administrator)
Operating Environment	
Temperature:	-20 °C to +70 °C
Humidity:	20% to 80%
Dimensions:	168 × 143 × 56 mm