



SXM 30808HSG4W

MNDVR 8 Channels Analog,
8 Channels IP, 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 Features

- Storage: 1× 2.5" HDD/SSD + 1× Micro SD
- Video Compression: H.265; Audio Compression: G.711a
- Vehicle Power Supply: 8–36 V
- 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 / counting)
- Supports up to 3 passenger counting channels
- Supports up to 5 simultaneous AI functions (1 per channel for BSD cameras and 1 per channel for passenger cameras)
- Allows expansion (by adding a switch) with 8 IP cameras, reaching up to 16 cameras
- Compatible with SXM (Siera Xtreme Mobile) platform for monitoring, playback, analysis, and remote management

System

Operating system:	Embedded Linux
System languages:	Multilingual
Video compression:	H.265 / H.264
OSD:	Character overlay; Supports Date, Time, Vehicle ID, and other information

Graphical user interface (GUI):

Parameter configuration via external monitor and remote control

Video and recording system

Video inputs:	8CH (aviation connector), 1.0Vp-p, 75Ω
Video outputs:	CVBS + VGA
Preview:	Single-channel or multi-screen viewing; full-screen support by manual or event-based activation
Resolution:	1080N / 720P / D1 / CIF (up to 8 channels at 1080P)
Recording mode:	Automatic by default, recording by ACC, manual, by alarm, among others

Audio

Audio inputs:	8CH (aviation connector)
Audio output:	1CH (aviation connector)
Format:	G.711a, rate 40 KB/s

Alarms

I/O Inputs:	6CH, compatible with door sensors, left/right turn signals and reverse
I/O Outputs:	2CH, for connecting relays (fuel/power cutoff), audible alarms and luminous, 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:	Integrated 4G module
WiFi:	Supported
Wired network:	Compatible



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Positioning:	Integrated GPS / BD (GPS + GLONASS)
Interfaces and sensors	
USB:	Supports USB devices for video backup or firmware updates
G-Sensor:	Integrated acceleration sensor
Intercom:	SPK interface for bidirectional communication between platform and device or connection of speakers
Pulse speed:	Optional
Storage and playback	
HDD/SSD:	1 x 2.5" disk, loop recording
TF card:	1 x Micro SD, loop recording (Minimum recommended capacity: 64 GB; Type A2 / U3.)
Fireproof enclosure:	External, for video recovery in disasters (optional)
Video playback	
Search:	By recording time, recording mode, etc.
Playback:	Synchronized multi-channel, with 2x/4x/8x/16x fast forward and rewind
Power	
Power management:	Adaptive wide voltage input with overload and overvoltage protections, Undervoltage, short circuit and polarity reversal protection; on/off support scheduled and delayed shutdown
Input voltage:	DC8 ~ 36 V
Power consumption:	Maximum operating: 5 W - Standby: 0.5 W
AI Algorithms (Optional)	
DSMX:	Seat belt, smoking, phone use, yawning, closed eyes, distracted driving, abnormal driver behavior, video occlusion, sunglasses detection
FR:	Facial recognition
ADAS:	FCW, LDW, PCW, dangerous distance between vehicles
BSD:	Front right, front left, side, side left, front (5 choose 4)
Passenger counting:	Supports up to 3 channels
Security	
Password access:	Two-level management (user and administrator)
Work environment	
Temperature:	-20°C to +70°C
Humidity:	20% - 80%
Dimensions:	168 × 143 × 56 mm