

Redefining Video Recording

Explorer® MX4



Key Features

Cameras Supported:	4
Compression:	MPEG-4
Audio:	4 channels
Storage Capacity:	160 GB - 500 GB
Video Resolution:	Up to 720 x 480 resolution

Redefining Video Recording

The MX4 offers the highest resolution and frame rate combination in the market. Using MPEG-4 compression, all four channels can record simultaneously at 30 FPS with D1 (720 x 480) resolution. Built-in dual streaming allows the recording of two information streams, one designed for hi-res playback on a PC, and the other for real-time viewing over the web or GPRS network.

A new graphical configuration user-interface makes installation quick and easy. Easy to use software allows the system administrator to track vehicles and retrieve key details about an incident using video footage synchronized with mapping software, or the option of live tracking.

The MX4 enhances fleet control through features such as geo-fencing, which uses GPS technology to designate a geographic boundary for the vehicle. Other special features include the wake-on alarm, which can turn the DVR on without a vehicle ignition signal in response to a vehicle break-in.

For drivers and passengers, the unit's programmable monitor output means increased safety. This feature allows drivers to monitor events in hard to see areas in and around the vehicle in real time.

DVR Specifications

Feature	Specification
Recording Channels	4 video channels, 4 audio channels
Dimensions (HxWxD)	2.5 x 7 x 9.5 in (64 x 188 x 241 mm)
Video Resolution	720 x 480 D1 at 30 FPS on all video channels (120 FPS aggregate)
Compression	MPEG-4
Quality Settings	adjustable, 4 levels
Storage Medium	removable media cartridge with hard drive
Storage Capacity	160 GB - 500 GB
Auto Overwrite	selectable On/Off protected alarms
Removable Memory	media cartridge
Network Interface	Ethernet port (TCP/IP)
Display Modes	single camera, quad
Playback Rate	frame advance to 32x
Search Function	segment, alarm, date/time, event
User Interface	OSD with remote or mouse, web browser, vMax™ software suite
Timer	12 programmable timers
Battery Backup	time & programmed info (retained up to 10 years)
Delay On/Off	selectable 0 to 60 min
Operating Temperature	-30°C to 50°C (-22°F to 122°F)
Smart-Temp™	high and low temperature protection with a built-in heater. It is built into all DVRs, ensuring it remains at the optimal operational temperature.
Smart-Speed™	a built-in monitor that records the speed of the vehicle.

Smart-Start™	start-up voltage protection. It is a built in feature that protects against electrical spikes in a vehicle.
DVR Weight	5.3 lbs (2.4 kg) with lock box
Voltage Range	8 Vdc to 32 Vdc
Transient Protection	600 W per signal input
On-Screen Display	voltage, time & date, HDD size, % full, alarm count, internal temperature
Wiring Harness	20' (6 m) harness for power (other harness lengths are available)
Panic Alarm Input	20' (6 m) harness with panic button
Dual Streaming	Dual streaming allows you to send small, low bandwidth live video images over a GPRS (cellular) network, (such as a cell phone).

PLUS System

Feature	Specification
Smart-Link™ Module	a wiring consolidator that makes installation quick and easy; connects up to 5 signals, 4 alarms, 1 diagnostic and GPS or speed
Signals	five signal inputs
Alarms	four alarm inputs
Event/Diagnostic Button	an indicator panel that marks events for quick searches and displays DVR status
GPS Ready	records vehicle speed and location with optional GPS receiver; enables synchronized mapping when used with vMax with Tracking™ software
Geo-fencing	using GPS technology, geo-fencing allows the administrator to set a designated geographic radius. If the vehicle deviates from this area, it will provide an alert.

Control

Dual Streaming - The Explorer® MX4 is capable of recording two streams of video at different resolutions. A lower resolution recording is used to deliver live video data over a cell or GPRS network, a service which a customer needs to pay for independently from Seon.



Smart-Reach® Wi-Fi - Seon has worked closely with an industry leading Wi-Fi provider to develop Smart-Reach, a robust, industrial strength wireless solution designed specifically for mobile applications.



vMax with Tracking™ - Allows managers to retrieve key details about an incident, or pin-point the exact location a passenger exited using video footage synchronized with mapping software. Managers can keep their budget on target and save on maintenance and fuel by ensuring drivers maintain good driving practices and stay on designated routes.



Geo-fencing - Using GPS technology, geo-fencing allows the administrator to set a designated geographic radius. If the vehicle deviates from this area, it will provide an alert.



vMax™ Live - No matter how small or large your fleet, let Seon help you track, locate and report with a click of a button. Implementing a GPS solution in your fleet will help lower fuel costs, increase productivity, reduce overtime and billing errors, stop unauthorized vehicle use, improve asset safety, reduce liability risk, and elevate your customer service.



System Highlights

Integrated lock box - The new range of digital recorders from Seon now come with an integrated lock box, saving you the added cost and installation space.



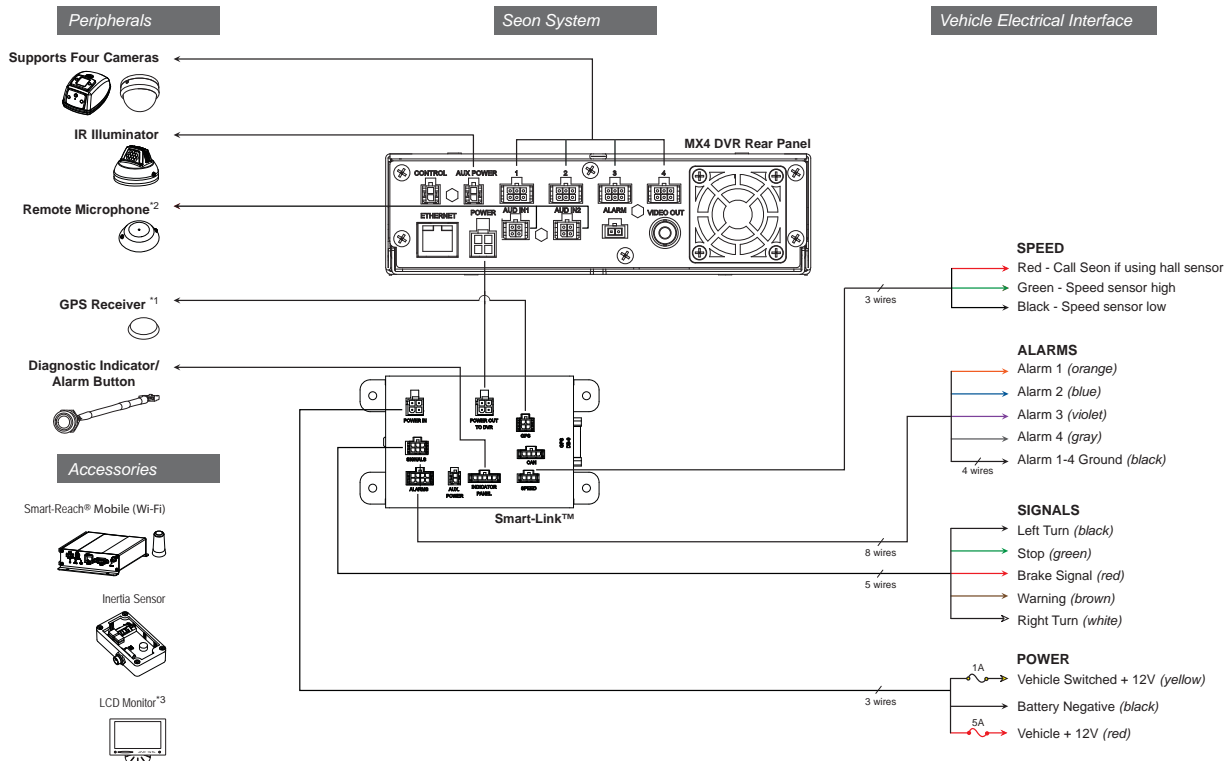
Cameras - Our portfolio of cameras are designed specifically for the rigors of the road and come in numerous styles and specifications to meet the unique requirements of mobile applications.



Software - Easy to use software is the key to a successful mobile video surveillance solution. Whether you require easy playback features, vehicle tracking or large fleet management, we have a solution for you.



Easy Installation - Plus



¹ For speed tracking, use a GPS receiver or speed harness. For ease of installation and better speed tracking, Seon recommends using a GPS receiver.
² The optional remote microphone connected to AUD IN1 (or AUD IN2) can only be used if the camera connected to Camera 1 (or Camera 2) does not have a microphone.
³ The LCD Monitor can be used for the front or back panel.