Redefining Video Recording Explorer® MX4

The Explorer MX4 is Seon's high performance four channel DVR solution. Using MPEG-4 compression, all four channels can simultaneously record 30 FPS with D1 (720 x 480) resolution. Built-in dual streaming allows the recording of two information streams, one designed for high-resolution playback on a PC, and the other for real-time viewing over the web or GPRS network.

An intuitive 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.

Finally, the MX4's programmable multi-view monitor feature allows drivers to see events in hard to view areas in and around the vehicle in real time. For drivers and passengers, this means increased safety.

- Supports 4 cameras with audio.
- Features MPEG-4 compression to provide outstanding image quality.
- Stores up to 750 GB for plenty of recording space.
- Records 30 FPS per camera at 720 x 480 (120 FPS aggregate) for high image detail.
- Provides an alert if a vehicle leaves its designated area.
- Records two information streams utilizing dual stream technology – one stream for hi-res playback, and one for real-time viewing over a GPRS or other cellular network (with optional equipment).
- Includes a wake-on alarm which turns on the DVR in response to a vehicle break-in.
- Includes the vMax® Web software program.

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Specifications

Video	
Recording Channels	4 video channels, 4 audio channels
Video Resolution	720 x 480 D1 at 30 FPS on all video channels (120 FPS aggregate)
Recording Rate Main Stream	30 FPS on all video channels at D1 resolution (120 FPS aggregate)
Recording Rate Second Stream	On/off, FPS and resolution configurable – shares resources with the main stream
Quality Settings	Adjustable, 4 levels
Auto Overwrite	Selectable On/Off protected alarms
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
Delay On/Off	Selectable 0 to 60 min.
On-Screen Display	Voltage, time & date, HDD size, % full, alarm count, internal temperature
Dual Streaming	Technology that sends small, low-bandwidth video images live over a cell phone network (120 FPS)
Storage	
Media	Removable media cartridge with hard drive
Capacity	Up to 750 GB
Input/Output	
Network Interface	RJ45 Ethernet port (TCP/IP)
Wiring Harness	20' (6 m) harness for power (other harness lengths are available)
Panic Alarm Input	20' (6 m) harness with panic button

Smart Features	
Smart-Temp™	Ensures the DVR stays at its optimal operational temperature
Smart-Speed™	A built-in monitor that records vehicle speed
Smart-Start™	Safeguards the DVR against electrical spikes with vehicle start-up voltage protection
Electrical	
Voltage Range	8 to 32 VDC
Transient Protection	600 W per signal input
Configuration Backup	Time & programmed info (retained up to 10 years)
Mechanical/General	
Dimensions (H x W x D)	2.5 x 7 x 9.5 in (64 x 188 x 241 mm)
DVR Weight	5.3 lbs (2.4 kg) with lock-box
Environmental	
Operating Temperature	-30 to 50°C (-22 to 122°F)
Approvals	
Emissions	FCC
Safety	UL

Specifications – Plus System	
Smart-Link™ Module	Makes DVR installation quick and easy using a wiring consolidator
Signals	5 signal inputs
Alarms	4 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® software
Geo-fencing	Uses GPS technology to set a geographical boundary for a vehicle; receive an alert if it deviates