

Value Without Compromise Trooper® TL

The feature-packed Trooper TL series offers the best value in its class. It is the ideal video surveillance solution for transportation authorities that demand value without compromise. Representing the next generation of a proven product, the TL offers safety, security and control in one compact, high-performance package.

Available in two or four channels, the TL series offers reliable, superior quality video with up to 30 FPS (per camera) at 720 x 480 resolution. New and efficient H.264 compression means the TL also provides the best image quality on the market and increased video storage. The unit's compact size, integrated lock-box, and simple mounting system also enables quick and easy installation.

The TL series solution comes with a simple point-and-click graphical user-interface and easy-to-use software. The DVR also integrates seamlessly with Seon's Smart-Reach® Wi-Fi solution for managing video data remotely. The mapping extension of the video display software allows the system administrator to track vehicles and retrieve key details about an incident synchronized with video footage. System status reporting is also available with an on-screen display of up to five signals (alarms, braking, turns, etc.).

- Supports 2 or 4 cameras with audio.
- Features H.264 compression to provide premium image quality.
- Stores up to 750 GB(TL4) for plenty of recording space.
- Records up to 30 FPS per camera at 720 x 480 for high image detail.
- Offers Wi-Fi capability to access video data management remotely.
- Provides a simple point-and-click graphical user-interface.
- Offers a compact, integrated lock-box design.
- Includes the vMax® Web software program.
- Supports GPS and mapping software for vehicle tracking.



trooper
TL2|4

Specifications

Video	
Recording Channels	2 / 4 video channels, 2 / 4 audio channels
Video Resolution	720 x 480 D1 at 30 FPS on all video channels (60 FPS aggregate)
Recording Rate	1 to 30 FPS, adjustable for each channel
Compression	H.264
Quality Settings	Adjustable, 6 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
Storage	
Media	Removable media cartridge with hard drive
Capacity	TL4: up to 750 GB (TL2: up to 500 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
Event/Diagnostic Button	An indicator panel that marks events for quick searches, auto downloads and displays DVR status
Signals/Alarms	5 signal/alarm inputs

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
GPS Ready	Records vehicle speed and location with optional GPS receiver; enables synchronized mapping when used with vMax® software
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