Teletrac
Navman

IN-VEHICLE MULTI-CAMERA SOLUTION

Integrated & AI-enabled 360° multi camera solution

Designed specifically for fleet operators, the system continuously records and automatically synchronises footage as events occur. You get to see the footage that matters most via real-time event alerts, or download footage direct from the vehicle without leaving the office. With this integrated pairing, you can protect your drivers from fraudulent accident claims by gaining a comprehensive view around the vehicle with forward, driver, and rear-facing, as well as left and right-side cameras.

Paired with TN360, the multi-camera system is designed to connect, analyse and display the events most important to your business with all the information you need to see, along with footage you can request at any time direct from your computer.

Multi-Camera Options

Providing up to four cameras, the solution gives an unparalleled display of the vehicle and its surroundings. Front, driver, sides and rear.

High-Definition

At 1080p HD quality, the solution can help you identify what happened when events occur.

Real-Time Events

Captures footage alongside real-time warnings and alerts in the office, for harsh braking, harsh cornering, speeding, and other dangerous driving events via driver trigger button.

Fraud Prevention

Prevent fraud and frivolous lawsuits with a solution that provides indisputable high-definition video footage that captures driving events in real time.

FEATURES AND BENEFITS

- Connect up to four 1080p HD cameras
- Supports up to 1TB SSD hard drive via a rugged and secured DVR for in-vehicle data storage
- Continuous recording of footage accessible at all times from the back-office via TN360
- More than 10 working days of video file storage within the vehicle
- Event based recording via G-sensor, speed, alarm input, cyclic and 10 seconds pre-recording
- Driver trigger button automatically begins recording

- Footage automatically sync'd as events occur in real-time, alongside GPS enabled telematics data
- Driver, rear and side cameras powered by Infra-Red for enhanced visibility at night
- Wide Dynamic Range forward-facing camera that works in low light conditions for better night visibility
- IP69K waterproof and MIL-STD 810G shockproof camera devices
- Over-the-air maintenance, support and updates

TECHNICAL SPECIFICATIONS

System	Operating System	Linux
Video	Video Input	4 x 1080P analog high definition
	CVBS output	1CH 6pin aviation connector output PAL/NSTC
	VGA output	1CH VGA output, 1080P
	Video display	1, 2, 3, 4
	Video standard	PAL: 25FPS, NTSC: 30FPS
	Compression	H.264 main profile
Audio	Audio Input	4 channels
	Record format	Synchronised video & audio recording
	Audio compression	ADPCM
Digital processing & storage	Image resolution	Max 4 x 1080P (1920 x 1080)
	Video bit rate	64kbps~4Mbps/channel
	Storage	56~2700MB/(channel/hour)
	Audio bit rate	32kbps
	Storage	2.5 inch SATA SSD, max 1TB
Alarm	Alarm input	6 channels
	Alarm output	2 channels, 1 buzzer
Interface for communication	IR	1 channel
	RS232	1 channel
	RS485	1 channel
	CAN	2 channels
	RJ45	1 channel
	USB 2.0	2 channels
		- 1 channel for copying file and firmware upgrade
		- 1 channel for copying SSD file (only for connecting to computer USB)
	Frequency Bands	4G - 1, 3, 7, 8, 20
		3G - 1, 3, 8
	WIFI	Included
	WIFI hotspot/AP	Included
G-Force/Gyroscope	9 axis sensor	
Input	10~32V	
Max Power Consumption	60W	
Standby Power Consumption	100mW	
Operating temperature & humidity	-20 ~ 70°C/ <100%	
Clock	Built-in clock, Calendar	
Fleet Management System	Teletrac Navman TN360 Teletrac Navman NextGen	