

PRODUCT | EDITION 2 | CATALOGUE | 2019



www.visiontrack.com

FORWARD-FACING CAMERAS | MOBILE DVRs | MULTI-CHANNEL CAMERAS | BLIND SPOT DETECTION SYSTEMS | IOT PLATFORM | MONITORED FNOL





"Buying in-vehicle camera and safety technology can be confusing with so many options available. With the most extensive range of products in the marketplace – backed up by first-class service and support – we can help you choose and implement the video telematics solution right for you, whatever your fleet or vehicle requirements.

Only with video telematics can a business build a complete picture of how their vehicles are being operated and then implement a meaningful plan of action. Our innovative solutions are proven to deliver true value to any size of fleet or transport operation."

Simon Marsh

Managing Director of VisionTrack



WHO WE ARE

WHAT WE DO

KEY FEATURES

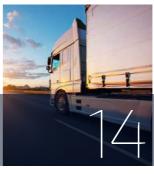
IoT PLATFORM



FORWARD-FACING CAMERAS



MOBILEDVRS



MULTI-CHANNELCAMERAS & MONITORS



BLINDSPOT &CYCLIST DETECTION



ACCESSORIES



MONITORED FNOL SOLUTION



FORS & CLOCS
COMPLIANCE



CONTACT US



THE UK'S MOST AWARD-WINNING CONNECTED VEHICLE CAMERA AND VIDEO TELEMATICS COMPANY

VisionTrack offers the widest range of advanced, high-quality and reliable vehicle camera technology – underpinned by a multi-award winning IoT platform – to help protect vehicles, assets, staff and reputation. Using our industry-leading forward-facing camera, multi-camera and mobile DVR technology you can:

- Reduce insurance costs
- Defend against fraudulent claims
- Control claims management
- Improve road safety and save lives
- Lower operational risk

- Improve driver behaviour
- Enhance duty of care
- Increase fleet efficiency
- Lower vehicle wear and tear
- Increase brand protection

Our products are compliant with FORS, CLOCS, TFL and carry FCC, CE, E-mark certifications, as well as possessing wide insurance industry approvals.

Meanwhile, as Europe's leading provider of cloud-based video telematics, we are continually innovating with the development of world-leading algorithms, behaviour and video analytics, machine learning and artificial intelligence (AI).



















WHY CHOOSE US?



- VisionTrack is a **MULTI-AWARD WINNING** video telematics provider that has won many industry awards.
- Our management team has 100+ YEARS' combined camera/telematics and insurance industry EXPERIENCE.
- VisionTrack is a video technology enabler for some of the WORLD'S LEADING telematics providers.

- All of our hardware is the most **ADVANCED** on the market with lockable cases and data encryption ensuring the highest levels of security.
- All of our systems and products are FORS, CLOCS, TFL, FCC, CE, E-MARK COMPLIANT and INSURANCE APPROVED.
- Full **UK** technical support, complete aftercare and **INCLUSIVE WARRANTY** as standard.

SOME OF OUR HAPPY CUSTOMERS

















BENEFITS OF OUR TECHNOLOGY



IMPROVE ROAD SAFETY



REDUCE



LOWER



ENHANCE





MULTI-AWARD WINNING IOT PLATFORM

Our connected forward-facing cameras and 4G multi-camera systems transmit video and vehicle location data to our award-winning IoT platform (see page 8-9), which you can access anywhere, any time of the day.

We have won no fewer than 11 awards for innovation in the past two years and are dedicated to improving road safety and reducing insurance claims costs whilst helping keep your vehicle fleet compliant.





AWARDS

























WE OFFER THE WIDEST RANGE OF HARDWARE AND SOFTWARE SOLUTIONS TO SUIT YOUR EVERY NEED



Forward-Facing Cameras

We offer a comprehensive range of forward-facing cameras to meet any requirements. All our vehicle cameras include high-definition video, while our connected devices integrate with our IoT platform.



Mobile DVRs



Our mobile digital video recorders (MDVRs) are specially-designed for vehicles to meet the demands of commercial transport operations. They offer unrivalled reliability and capabilities, such as live streaming, remote video download and aiding driver visibility with in-vehicle monitors.

Multi-Channel Cameras



With our extensive range of multi-channel cameras – front, driver, cargo, side and rear – we can ensure you are covered from all angles. This makes it possible to gain complete visibility, protecting drivers from bogus or exaggerated claims, thefts and allegations of driving offences.

Blindspot/Cyclist Detection



Our FORS-compliant automatic detection systems offer a standalone or integrated solution to warn a driver, with audible and visual alerts, to the proximity of cyclists, pedestrians and other vulnerable roadusers, especially in vehicle blind spots. They can include corner, side and rear sensors to provide added visibility and increased protection in urban environments.

Monitored FNOL



Our monitored FNOL solution (see page 28) is designed to significantly reduce claim reporting times with instant access to HD 1080P video, providing evidence of what really happened. Every event is monitored by our UK-based call centre operators, who will review the linked footage and vehicle data, and then either dismiss or send the event to the insurer.

IoT Platform



Our multi-award winning Internet of Things (IoT) platform has been built using the latest technologies that can track a vehicle in real-time with live video and analytics. The cloud-based solution has evolved to connect to any third-party system and is one of the most innovative and leading video telematics platforms available on the market.



THE MOST ADVANCED, HIGH-QUALITY AND RELIABLE VIDEO TELEMATICS TECHNOLOGY

Health Check Function

Monitor the health of your camera devices remotely to ensure all systems are operational and respond to any issues. Avoid unnecessary maintenance checks and downtime, while providing access to footage from vehicles.

Historical Video On-Demand

Upload video content from our connected vehicle cameras using our on-demand service via our IoT platform or mobile app, so footage is easily accessible at any time. (Please check memory overwrite time for your chosen device)

Built-in Supercapacitor

(for total power loss incidents)

In the event of a serious incident, the supercapacitor helps the camera save critical video footage and supporting telemetry data.

Microsoft Azure Cloud-based Software

Microsoft Azure is a proven and trusted enterprise-grade cloud computing platform. which supports our award-winning IoT video telematics platform.

Locking Case & Encrypted Data

Advanced security features to protect against unauthorised tampering. Gain added peace of mind that all video footage and supporting vehicle data is safe and secure.

Panic Button

Provide your drivers with a guick and simple way of raising an alarm in the event of a problem or in order to request assistance (optional for Mobile DVRs).

Industrial-Grade Storage & IoT Connectivity

Using only industrial-grade memory cards and M2M SIM cards, all our solutions are specially-designed for commercial and connected applications that meet the demands of a professional fleet operation.

No USB Dongle

Our range of vehicle cameras use an in-built worldleading GPS and modem, designed to maximise the performance and stability of telematics solutions. None of our devices use a USB 3G/4G dongle, which are not suitable for use in any vehicle camera application.

No Lithium-ion Batteries

All our camera devices use a supercapacitor as a power back-up, rather than a lithium-ion battery. A supercapacitor can operate safely at more extreme temperatures.



DEVELOPED USING THE LATEST CUTTING-EDGE INNOVATIONS AND DESIGNED FOR THE FUTURE OF CONNECTED VEHICLE TECHNOLOGY

Our IoT platform helps manage your fleet, combat insurance fraud, control the claims management process and assess driver training needs. Ultimately, you can reduce your costs and improve safety by responding quickly to driving events and gain a better understanding of fleet risks.

The platform captures, processes and stores high-definition video footage enhanced with telematics data. It is completely hardware agnostic and infinitely scalable, so is compatible with anything capable of transmitting data – whether existing telematics, connected cameras or built-in vehicle telemetry systems. Analysing the received data using complex algorithms and analytics provides meaningful business intelligence and operational insight.



18% decrease in claims costs



24% reduction in claims frequency









MOBILE APP

Effectively monitor your fleet operation from your smartphone and respond instantly by accessing video footage of any incident using our Video Telematics Mobile App. It replicates all the functionality and usability of our awardwinning IoT platform to provide a consistent user experience wherever you are.

PROVEN RESULTS

The IoT platform is already delivering impressive results, with one insurer achieving a 24% reduction in claims frequency and an 18% decrease in claims cost. It has also managed to reduce disputed claims rates in some cases to zero, while proactive driver behaviour alerts and ground-breaking Advanced Driver Assistance System (ADAS) features are preventing incidents from occurring in the first place.







CUSTOMISED REPORTING

Your critical management data can be displayed in a series of user-friendly dashboards, alerts and reports. The dashboard provides a convenient and useful overview that can be configured to display the information most relevant to you – based on individual priorities and requirements – as well as create bespoke notifications, alarms and email alerts.



Latest high-definition telematics cameras (IoT, available up to 24 channels)



Dynamic NoSQL design - can be used with any camera or device



Advanced data compression for video and telemetry data



Scalable cloud infrastructure **Platform as** a Service (PaaS)





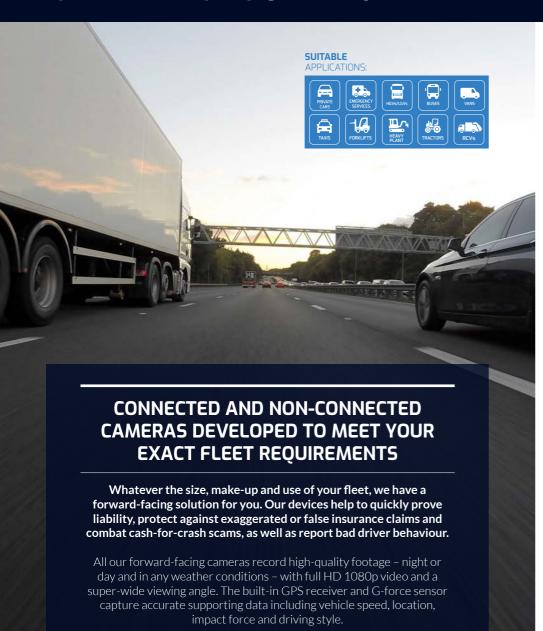
White-label our software with your brand



info@visiontrack.com

FORWARD-FACING CAMERAS





FORWARD-FACING CAMERAS

FORWARD-FACING CONNECTED CAMERA



The VT2000 is a full HD 1080p connected vehicle telematics camera, featuring instant remote Cloud upload, live view snapshots, health-checking, built-in GPS/GLONASS and G-shock sensor, designed to deliver high-quality videos of incidents instantly to our data platform.

















- Industry-leading, connected HD-quality vehicle camera and telematics system
- High-quality super-wide viewing angle
- Provides HD images before, during and after an incident
- Monitor driver behaviour from anywhere using the VisionTrack IoT platform
- Built-in GPS and GLONASS receiver
- Full integration with HERE maps with accurate speed limit data
- Provides First Notification of Loss (FNOL) alerts
- Accurate G-shock sensor (+100Hz) measures impact force and driving style
- 91(L) x 56(H) x 56(W)mm



VT-PANIC & VT-PANIC-LED

Optional external panic buttons – see page 27

VT2000

Forward-Facing Connected Camera



FORWARD-FACING CAMERAS

FORWARD-FACING 2-CHANNEL CONNECTED CAMERA



Optional secondary cameras available:



VT950-IR





VT9881

The VT2.2 is a full HD 1080p 2-channel connected vehicle telematics camera, with built-in GPS/GLONASS. G-shock sensor, Wi-Fi and health-checking. The forward-facing camera provides high-resolution images before, during and after any incident, and the secondary camera can record either the driver or passengers.





















- High-quality super-wide viewing angle
- Provides HD images before, during and after an incident
- Accurate G-shock sensor (+100Hz) measures impact force and driving style
- Built-in GPS and GLONASS receiver
- 2-channel video recording optional secondary camera can be used
- Monitor driver behaviour from anywhere using the VisionTrack IoT platform
- VT2.2 91(L) x 56(H) x 56(W)mm (without bracket, locking case)
- VT950-IR 35(L) x 55(H) x 80(W)mm



VT-PANIC & VT-PANIC-LED

Optional external panic buttons - see page 27

FORWARD-FACING SD-CARD CAMERA



info@visiontrack.com

 info@visiontrack.com

The VT1000 is a full HD 1080p vehicle camera, giving you a comprehensive view of any incident and providing court-admissible evidence. The camera features a super-wide-angle lens, G-shock sensor and lockable, tamper-proof SD-card cover, and can also be integrated with third-party telematics systems.

High-quality super-wide pillar-to-pillar viewing angle

Trigger output for integration with telematics devices

Adjustable recording rate from 1 FPS to 30 FPS (real-time)

Full HD 1080p/720p

3-megapixel CMOS sensor

45(L) x 50(H) x 100(W)mm

Fully lockable case for seamless finish



















VT-PANIC & VT-PANIC-LED

Optional external panic buttons - see page 27

Forward-Facing Connected Camera

VT1000

Forward-Facing SD-Card Camera

VT2.2



SPECIALLY-DESIGNED TO MEET THE DEMANDS OF COMMERCIAL TRANSPORT OPERATIONS

Our mobile digital video recorders (MDVRs) are ideal for all types of commercial vehicle and suitable for any camera application. These specially-designed ruggedised MDVRs - which can support up to 24 channels - sit at the heart of your system that records and manages crucial video evidence.

The MDVRs can be used with internal and externals cameras, in-vehicle monitors and safety systems to capture footage and driving data, as well as aid driver visibility. By connecting to our IoT cloud-based platform, you can also gain complete visibility and control, with advanced functionality such as live view, video playback, auto evidence export and incident detection.



VEHICLE CAMERAS & VIDEO TELEMATICS

CONNECTED VEHICLE CAMERA RECORDER

4-CHL FULL HD 1080P MOBILE DVR









External panic button included

















The VT4000 is a 4-channel, 1080p full HD mobile digital video recorder that provides excellent footage and clear picture quality. It has an integrated industry-leading cellular modem. Recorder includes an external panic button to trigger an emergency event.

- Supports 3-channels AHD + 1 analogue channel
- VisionTrack IoT platform for event video
- API available for direct integration into third-party telematics platforms
- GPS/GLONASS receiver
- Highly sensitive positioning solution for live vehicle tracking and reporting
- 90(L) x 28(H) x 120(W)mm (Metal cover size: 125 x 147.5 x 36mm)

VT4000

4-Channel HD Mobile DVR



CONNECTED HARD DRIVE MOBILE DVRs

5-CHL FULL HD 1080/720P MOBILE DVR

8-CHL FULL HD 1080P MOBILE DVR

12-CHL FULL HD 1080P MOBILE DVR









VT-PANIC & VT-PANIC-LED

Optional external panic buttons - see page 27













VT-PANIC & VT-PANIC-LED

Optional external panic buttons - see page 27













VT-PANIC & VT-PANIC-LED

Optional external panic buttons - see page 27















The VT5500/VT5500-G is a full HD 1080/720p ruggedised, 5-channel mobile digital video recorder designed for vehicle surveillance and monitoring, with built-in connectivity, advanced video compression, GPS positioning technology for location tracking and Wi-Fi for wireless data upload.

- Supports 4-channels AHD (720p) + 1 channel IPC (1080p)
- Built-in G-sensor (for VT5500-G only)
- Hard disk for main recording
- GPS for location tracking
- WiFi for video files download (optional)
- Connected for live view and remote management
- Vibration-resistant design
- USB2.0 high-speed backup
- 206.0(L) x 70.4(H) x 170.0(W)mm

The VT6.2 mobile digital video recorder is ideal for video surveillance and remote monitoring applications, featuring the latest in GPS positioning technology along with speed and G-shock sensor data built-in. This 8-channel MDVR features a high-speed processor and embedded operating system, advanced video compression technology, as well as Wi-Fi for wireless data upload.

- Supports 6-channels AHD (1080p) + 2 channels IPC (1080p)
- Hard disk for main recording
- SD-card for mirror recording
- GPS. WiFi and connectivity
- Modern, ruggedised metal housing
- 252(L) x 88.7(H) x 167.2(W)mm (with bracket and rear shield)

The VT8000 is a high performance, ruggedised, 12-channel mobile digital video recorder specifically designed for in-vehicle recording and monitoring. The MDVR captures, records and manages highdefinition video and enables GPS positioning technology, with built-in connectivity, advanced video compression and Wi-Fi for wireless data upload.

- Supports 8-channels AHD (1080p) + 4-channels IPC (1080p)
- Modular design for easy maintenance
- Revolutionary anti-vibration technology
- Supports 2.5" 2TB hard disk storage and SD card for mirror recording
- Dual streams for local recording and wireless transmission
- Internal GPS for location tracking
- Connected for live view and remote management
- 295(L) x 89(H) x 222(W)mm

VT5500/VT5500-G 5-Channel HD Mobile DVR VT6.2 8-Channel HD Mobile DVR VT8000 12-Channel HD Mobile DVR



GAIN 360-DEGREE VISIBILITY AND COVER EVERY ANGLE WITH OUR MULTI-CAMERA SOLUTIONS

We have an extensive range of multi-channel cameras that can be combined to provide complete internal and external visibility of the vehicle for you and your driver. With front, driver, cargo, side and rear devices you can ensure you are covered from all angles and have eyes everywhere.

We can create multi-camera solutions for all types of transport operations, so you can protect your drivers from bogus or exaggerated claims, thefts and allegations of driving offences. At the same time, you can remove blind spots for the driver by combining the devices with an in-vehicle monitor, while advanced driver-assistance systems (ADAS) cameras can identify potential road dangers as well as detect driver fatigue and distraction.



FORWARD-FACING CAMERAS

NETWORK IP CAMERA





The VT-C20-IPC is a full HD 1080p compact, lightweight intelligent IP vehicle camera that is mounted directly on the windscreen to avoid any reflections and light interference from inside the vehicle. Delivering optimum image quality, this forward-facing camera also features digital WDR.



















- 2-megapixel 1/2.8"
- 1920 x 1080 resolution
- M12 fixed aperture F1.8
- 0.05Lux (Colour Illumination), F1.2
- Supports D-WDR and white balance
- Compact size; light weight
- Anti-vibration
- Vandal-resistant
- Optional ADAS
- 121.6(L) x 39(H) x 75(W)mm





Mounts directly to the windscreen.

VT-C20-IPC Network IP Camera



FORWARD-FACING CAMERAS

HD MINI FORWARD-FACING CAMERA





This mini forward-facing full HD 1080p ruggedised in-vehicle camera is mounted directly to the windscreen without obscuring the driver's view of the road.

- 1/2.8" SONY 2.13-megapixel
- 1920 x 1080 resolution
- 0.05 Lux/F1.2 (Auto Gain on)
- 3.6mm/6mm/8mm optional
- DC 12V±10%
- 90(L) x 46(H) x 70(W)mm

INTERNAL IP DOME CAMERA



IP HD 720p network dome camera with super-wide dynamic range (WDR) featuring crystal clear images.

- 1/3" SONY IMX238
- 1280 x 720 @ 30fps resolution
- Auto white light compensation
- Super Wide Dynamic Range
- Vandal-resistant
- 90(L) x 53(H) x 110(W)mm

IP66

VT-C20M-AHD

HD Mini Forward-Facing Camera VT-C3-IPC

R-IPC

Internal IP Dome Camera VT288-AHD

applications.

HD Mini Forward-Facing Camera

FORWARD-FACING CAMERA



A 700TVL forward-facing camera. Can be easily mounted without using a permanent fixture.

- 1/3" colour SONY CCD
- 700 TVL (976 x 582)
- 2.1mm pin-hole fixed lens
- 12V DC
- 37.5(L) x 63.5(H) x 48.5(W)mm

FORWARD-FACING CAMERA



Mini 700 TVL camera for forward-facing applications. Can be easily mounted without using a permanent fixture.

- 1/3" colour SONY CCD
- 700 TVL (976 x 582)
- 2.1mm pin-hole fixed lens
- 12V DC
- 28.5(L) x 44.7(H) x 41.8(W)mm

HD INTERNAL CAMERA

1280 x 720 resolution

Anti-vibration 12V DC

150° wide-viewing angle

40(L) x 40(H) x 30(W)mm

Supports Wide Dynamic Range

HD MINI FORWARD-FACING CAMERA

Mini HD camera ideal for forward-facing



Forward-facing 720p HD camera with optional audio. Can be easily mounted without using a permanent fixture.

- 1/3" 1.3-megapixel
- 1280 x 960 resolution
- 0.1 Lux/F1.2 sensitivity
- 2.1mm pin-hole fixed lens
- 12V DC
- 37.5(L) x 63.5(H) x 48.5(W)mm

VT710-AHD Forward-Facing Camera VT701 Forward-Facing Camera VT701 Forward-Facing Camera VT720-AHD HD Internal Camera



DRIVER-FACING CAMERAS

LOAD SPACE CAMERA

HD DRIVER-FACING IR CAMERA

HD MOBILE DOME CAMERA

IP LOAD CAMERA



Compact AHD 720p internal driver-facing camera that can be easily fitted anywhere in a vehicle.

- 1/3" lens 1.3-megapixel
- 1280 x 720 resolution
- IR night vision
- OLux when IR on
- 70(L) x 40(H) x 60(W)mm



Dome camera, which can be mounted to the exterior or interior of a vehicle, providing high-resolution images, with anti-vibration features and a compact size.

- 1/3" lens 1.3-megapixel
- 1280 x 720 resolution (VT700-AHD)
- IR night vision
- Lockable angle
- Anti-vibration
- 95(L) x 70(H) x 95(W)mm



IP load camera that can be used internally and externally and as a rear-view or reversing camera.

- 1/3" SONY lens IMX238
- 1280 x 720 @ 30fps resolution
- IR night vision
- 0.05Lux (Colour Illumination), F1.2
- Digital Wide Dynamic Range
- 90.5(L) x 64(H) x 68(W)mm

IP67

VT-C6

HD Driver-Facing IR Camera VT700-IR

VT700-IR-AHD

Mobile Dome Camera VT-C5-IPC HD Mobile Dome Camera

IP Load Camera

REAR-VIEW/REVERSING CAMERAS

HD REAR-VIEW/REVERSING CAMERA

HD REAR-VIEW/REVERSING CAMERA



This HD rear-view camera is suitable for both day and night

use with infrared LEDs and an adjustable sun visor.

With a weather-resistant housing, this rear-view camera can be mounted externally and is suitable for daytime and night-time use.

- 1/3" colour lens
- 1280 x 720 resolution
- 120° wide-viewing angle
- IR night vision
- Wide adjustable sun visor
- 67.48(L) x 79.77(H)mm

1/3" colour lens 1280 x 720 resolution

- 120° wide-viewing angle
- IR night vision
- Wide adjustable sun visor
- DC12V~24V
- 50(L) x 50(H) x 80(W)mm

IP69K

HD REAR-VIEW/REVERSING CAMERA



This HD rear-view camera is suitable for both day and night use with infrared LEDs and an adjustable sun visor.

- 1/3" colour lens
- 1280 x 720 resolution
- 120° wide-viewing angle
- IR night vision
- Wide adjustable sun visor
- DC12V~24V

IP69K

VT639-AHD

HD Rear-View/Reversing Camera VT646-AHD

HD Rear-View/Reversing Camera VT642-AHD

HD Rear-View/Reversing Camera



SIDE-VIEW CAMERAS

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Can't find what you're looking for? Or do you need help from our professional design and customer support team?

Call **№** 01246 223 152 Monday-Friday 7am-7pm

SIDE-VIEW CAMERA



Compact wing mirror mounted side camera. Used for wide loads and trailers.

- 1/3" colour lens
- 1280 x 720 resolution
- 120° wide-viewing angle
- IR night vision
- Wing mirror mounting brackets included
- DC 12V (+/-10%)

VT-MA07-AHD

• 50(L) x 65(H) x 80(W)mm

IP69K

Side-View Camera

SIDE-VIEW CAMERA



Additional spacers available





A ruggedised, wide-view camera with flexible mounting, angle adjustment options and infrared night vision.

- 1/3"colour lens
- 1280 x 720 resolution
- 150° wide-viewing angle
- IR night vision
- For front/rear/side of vehicle
- Water-resistant
- 70(L) x 40(H) x 60(W)mm

IP69K

VT410-AHD VT410 SPACER 25MM VT410 SPACER 50MM

HD Side-View Camera VT410 25mm Camera Spacer VT410 50mm Camera Spacer

REAR-VIEW/REVERSING CAMERA

HD REAR-VIEW/REVERSING CAMERA



With infrared LEDs and an adjustable sun visor, the HD rear-view camera is suitable for both day and night use.

- 1/3" colour lens
- 1280 x 720 resolution
- 120° wide-viewing angle
- IR night vision
- Wide adjustable sun visor
- DC12V~24V
- 50(L) x 40(H) x 70(W)mm

IP69K

HD SIDE-VIEW CAMERA



Ruggedised HD side-view camera with infrared night vision.

- 1/3"colour lens
- 1280 x 720 resolution
- 120° wide-viewing angle
- IR night vision
- Water-resistant
- DC12V~24V

IP69K

SIDE-VIEW CAMERA



A rugged, wide-view camera with flexible mounting, angle adjustment options and infrared night vision.

- 1/3" SHARP CCD
- 600 TVL (976 x 582)
- 120° wide-viewing angle
- IR night vision
- Water-resistant

IP69K

VT644-AHD HD Rear-View/Reversing Camera VT408-AHD HD Side-View Camera VT644 Side-View Camera



MONITORS

SINGLE/THREE/FOUR-CHANNEL DVR MONITOR

The VT-M1-AHD is a 7-inch colour LCD monitor with a digital panel. This is a single channel monitor that is also available as a 3 & 4-channel monitor.

- Resolution: 800 x 3 (RGB) x 480
- 1 camera/1 MDVR input
- Operates from 12 32V
- Built-in speaker
- Power supply to camera
- Fully-functional remote control
- 182(L) x 122(H) x 26(D)mm (without flush-mount)
- 198(L) x 138(H) x 31(D)mm (with flush-mount)



7-INCH TOUCHSCREEN MONITOR

The VT-CP4 is a touchscreen monitor suitable for mounting on a vehicle dashboard. It operates and integrates with our MDVRs.

- 7-inch touchscreen display
- Integrates with our MDVRs
- Built-in speakers
- Built-in RFID module to sign in/out
- 800 x 480 resolution
- 185(L) x 128(H) x 34.9(D)mm



VT-M1-AHD VT-M3-AHD VT-M4-7 VT-M4-7-AHD

Single Channel 7-inch DVR Monitor 3-Channel 7-inch DVR Monitor 4-Channel 7-inch DVR Monitor 4-Channel AHD 7-inch DVR Monitor VT-CP4

7-inch Touchscreen Monitor

SINGLE CHANNEL MIRROR MONITOR

The VT-MM-AHD is a rear-view mirror-mounted full-colour monitor. With three video inputs and a resolution of 1280x720p, this monitor is an ideal driver reversing aid.

- 7-inch digital screen
- 1280 x 720 resolution
- Remote control + keystroke
- Three video inputs, AV2/AV3 with trigger wire
- DC12V~32V
- Multi-language
- 248 (L) x 106(H) x 27(D)mm





7-INCH MONITOR CAMERA KIT

Durable, high resolution, water-resistant reversing camera kit. Suitable for all trucks, lorries, tractors and industrial vehicles. Remove blind spots with this digital monitor and rear-view camera system.

- 800 x 480 resolution
- With reverse polarity protection
- 3-way video inputs
- 2-way trigger wires
- Multi-language
- Removable sunshade



VT-MM-AHD VT-MM

Single Channel AHD Mirror Monitor Single Channel Mirror Monitor VT-RVSYSTEM

7-inch Monitor Camera Kit



ARTIFICIAL INTELLIGENCE SAFETY SYSTEMS

DRIVER FATIGUE DETECTION CAMERA KIT











ALERTS AVAILABLE USING THIS SYSTEM INCLUDE:



VisionTrack's new range of Artificial Safety Systems is designed to prevent some of the major causes of incidents, including, driver fatigue, tailgating, lane deviation, driver distraction, smoking and not wearing a seatbelt.

The new Driver Fatigue Detection Kit (VT-DSM) actively tracks the eyes and facial features of the driver to detect the early signs of fatigue. The intelligent algorithm analysis detects when the driver shows signs of fatigue, triggering an alert. If the person continues to drive whilst still showing signs of fatigue, the system will continue to sound an alarm.

The Artificial Intelligence black box system also features an output used to trigger external warning devices and third-party telematics platforms so that alerts can be remotely monitored in real-time.



VT-DSM Kit includes:

ADAS

- Camera 1/2.8" 1920 x 1080
- Min illumination 0.1 Lux
- DC12V, DC7V-DC15V

DSM Detector

- Supports IPC resolution 720/1080p
- IP54 water-resistant and dustproof

DSM CAMERA

ADAS CAMERA



Lane Departure Warning



Forward Collision Warning



Pedestrian & Cyclist Detection



Driver Fatigue Warning

Smoking

Warning



Mobile Phone Usage Warning



No Driver Present

Warning

Seat Belt

Detection

Driver Distraction



VT-MDVR-GSENSOR G-Shock Sensor

- Integrated six-axis sensor
- Monitors speed, driving behaviour etc.
- Data type K line

AI BOX Artificial Intelligence

- 1 channel AHD (720p) + 1 channel AHD (1080p)
- Power output 10W
- Integrates with monitor
- LAN interface



R-WATCH Display

- IP54 water-resistant and dustproof
- Diagonal size 1.4"
- Resolution 128 x 128; Brightness 400cd/m²
- Built-in, adjustable buzzer volume (less than 80dB)
- 5V-12V DC
- RS485



CABLES Connecting cables

- Female to female connecting cable
- Power cable for AI box

Driver Fatigue Detection Camera Kit

VT-DSM



KEEP AWARE OF OTHER ROAD-USERS AND PEDESTRIANS FOR ADVANCED ROAD SAFETY

Our corner, side and rear sensors provide added visibility and increased protection on the road in the congested urban environment. Our automatic detection systems give audible and visual alerts, warning the driver of nearby cyclists, pedestrians and other vulnerable road users, especially in vehicle blind spots.

This technology can be used as a standalone or integrated solution, as well as connected to our IoT cloud-based platform for advanced monitoring. Improve road safety, reduce insurance costs and comply with accreditation initiatives such as FORS (Fleet Operator Recognition Scheme) by combining a detection system with multi-channel cameras, an in-vehicle monitor and a mobile digital video recorder (MDVR).

SAFETY SYSTEMS

PEDESTRIAN AND CYCLIST SIDE DETECTION KIT

This is a pedestrian and cyclist detection system that utilises ultrasonic sensors to detect any obstacles in front or to the side of the vehicle. An audio and visual signal resonates and slowly intensifies as the obstacle becomes closer to collision point.

- 2 Non-flush Sensors
- 2 Flush Sensors
- PCB built into sensors
- Digital distance display with buzzer
- DSM scanning technology
- Dual voltage



VT-SIDE-SCAN-KIT

Pedestrian and Cyclist Side Detection Kit

REAR DETECTION KIT

Using ultrasound sensors, the onboard system detects any obstacle behind the vehicle and informs the driver of its proximity with an audio signal that intensifies and becomes continuous when the vehicle comes within 30 cm of the object with a clear visual display.

- 4 Non-flush Sensors
- PCB built into sensors
- Splash-proof ECU
- Digital distance display with levels
- DSM scanning technology
- Dual voltage

SUITABLE

VEHICLE CAMERAS & VIDEO TELEMATICS



VT-REVERSE KIT

Rear Detection Kit



SAFETY SYSTEMS

CORNER SCAN KIT

Using ultrasound sensors, the onboard system detects any obstacle on the corner/side of the vehicle and informs the driver of its proximity. An audio and visual signal resonates and slowly intensifies as the obstacle becomes closer to collision point.

- 4 Flush sensors installed using holes
- PCB built into sensors
- Splash-proof ECU
- Digital distance display with buzzer
- DSM scanning technology
- Dual voltage





VT-CORNER SCAN KIT Corner Scan Kit



VT-SIDE SCAN KIT

VT-REVERSE KIT



VT-CORNER SCAN KIT



SAFETY SYSTEMS

SIDE-SCAN BRAIN (NO SENSORS)



This bespoke kit allows you to mix and match ultrasound sensors to get the most out of your system. The onboard system detects any obstacle behind or in front of the vehicle and informs the driver of its proximity with an audio and visual signal that intensifies and becomes continuous when the vehicle comes within 30 cm of the object.

- Sensors must be purchased with this kit
- Additionally, the audio/visual display with levels is compatible with this kit
- Please note maximum 4 sensors can be connected

FLUSH SENSOR



Flush sensor designed to attach seamlessly to large vehicles. The rubber blocks reduce vibrations to the sensor allowing the sensor to be mounted where other sensors would trigger false alarms.

- Flush Mounted
- Rubber Straight 22mm Sensor (AARSS)
- This sensor is compatible with VT-SIDE SCAN NO SENSORS

NON-FLUSH SENSOR



Non-flush sensor designed to attach to large vehicles.

- Non-Flush Mounted
- This sensor is compatible with VT-SIDE SCAN NO SENSORS

VT-SIDE SCAN KIT NO SENSORS

Side-scan Brain VT-SENSOR FLUSH

Flush Sensor VT-SENSOR NON FLUSH

Non-flush Sensor

SENSOR DISPLAY



This additional display is compatible with all other sensor kits. Shows sensor detection using bars and numbers, making the driver aware of obstacles.

RELAY





Will power up to three talking alarms from buzzer output on PDS kit when sensors detect an obstacle.

- Dual voltage
- Potted to withstand vibration
- Solid state electronics
- Fully waterproof
- Universal fits all known applications
- Compact easily fits under dashboard
- Comes with 3M multi-lock for secure fixing

VEHICLE SENSOR INTERFACE



The CANM8 CANNECT CAMSCAN interface is the ultimate CAN Bus interface for the control of external safety cameras and side scan systems on vehicles which feature CAN Bus wiring.

SPEED SENSOR MODULE





Ideally suited to front or side sensor systems, the unit will disengage sensor systems when the vehicle is travelling over 10 mph.

- Dual voltage 12-24V
- Waterproof and dustproof
- Multi-setting speeds available
- Compatible with most quality manufactured products

VT-SENSOR DISPLAY

Sensor Display

VT-RELAY

VT-CANM8

Camera Control Interface

VT-SPEED

Speed Sensor Module



SAFETY SYSTEMS

VISUAL LEFT TURN ALERT



A left-turn alert module - when the alarm is activated the lights flash concurrently with the sound emitted. When half volume or mute settings are selected, the lights flash brighter to highlight the danger.

- Dual voltage 12-24V
- Waterproof and dustproof
- Multi-setting speeds available
- Compatible with most quality manufactured products
- Audio sound bite available on our website

LEFT TURN ALERT



When the alarm is activated the indicators flash in unison with the sound.

- Dual voltage
- M.I.R.A.-tested for all on-and-off highway applications
- Epoxy-sealed for greater durability against water
- Complete with anti-vibration gasket and mounting screws
- 10R approved 10R-037568
- Audio sound bite available on our website
- Minimum 85 dB output

RIGHT TURN ALERT



A right-turn alert module - when the alarm is activated the noise resonates to alert pedestrians that the vehicle is turning right.

- Minimum 97dB output
- Solid state electronics completly encapsulated to withstand mud, water and vibration - IP67 rated
- Audio sound bite available on our website
- 4 Wire
- 12-24 Volt

VT-LT ALERT (VISUAL)

Visual Left Turn Alert VT-LT ALERT (2 WIRE) VT-LT ALERT (5 WIRE) Left Turn Alert

Left Turn Alert VT-RT ALERT AUDIO

Right Turn Alert

REVERSING ALARM



This is an audible alert to inform that the vehicle is reversing.

- Epoxy-sealed for greater durability against water and vibration
- Minimum 85 dB output
- M.I.R.A. tested for all on and off-road applications
- Pressure washable IP67
- Stud fix
- Audio sound bite available on our website
- 2 Wire

REVERSING ALARM



A audible speech alert that is activated on connection. Announces "This vehicle is reversing".

- Dual Voltage 12-24 volts
- Single Bolt Fixing
- Epoxy-sealed for greater durability against vibration and dust
- Audio sound bite available on our website
- Minimum 85 dB output
- 4 Wire

BACKUP ALARM



A reverse alert module - when the alarm is activated an alert sound resonates.

- Resonates Beeping Sound
- Audio sound bite available on our website

VT-WNREVERSINGALARM

Reversing Alarm VT-REVERSING-ALARM

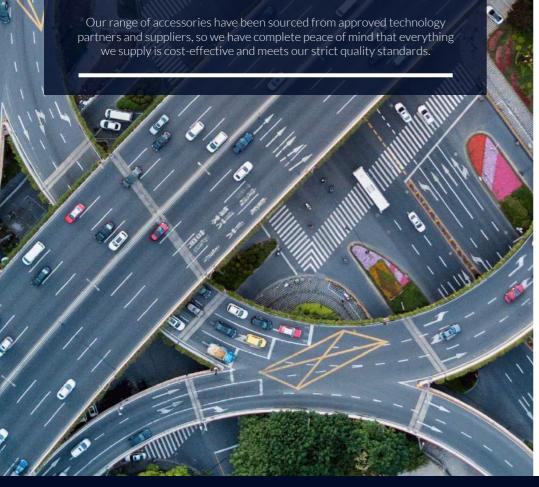
Reversing Alarm VT-BACKUP-ALARM

Backup Alarm



HIGH-QUALITY, RELIABLE AND **COST-EFFECTIVE ACCESSORIES FOR ALL YOUR NEEDS**

We are committed to developing and implementing superior vehicle camera and safety systems. As such, we only supply best-in-class memory, storage, bracket and cable accessories to ensure your preferred solution possesses the highest levels of performance and reliability.



MEMORY & STORAGE

MICRO SD-CARD

Transcend Micro SDHC Class 10 Memory Card.



- Available in 4/8/16/32GB
- Ideal for automotive recorders
- Class 10 speed rating guarantees fast and reliable write performance

VT4GB-MSD 4GB Micro SD-Card VT8GB-MSD 8GB Micro SD-Card VT16GB-MSD 16GB Micro SD-Card VT32GB-MSD 32GB Micro SD-Card

INDUSTRIAL-GRADE MLC SD-CARD

Transcend Standard Size SD Class 10 Memory Card.



- Industrial-grade SD cards
- (CPRM) for SD-Audio
- Specification Class 10
- Available in 8/16/32/64/128GB
- Supports Copy Protection for Recorded Media

VT8GB-SD 8GB SD-Card Standard Size VT16GB-SD 16GB SD-Card Standard Size VT32GB-SD 32GB SD-Card Standard Size VT64GB-SD 64GB SD-Card Standard Size VT128GB-SD 128GB SD-Card Standard Size

HARD-DRIVE FOR DVR

The VT1TBHD hard disk drives deliver a state-ofthe-art storage solution with higher performance than prior generation products.



TOSHIBA

- Up to 1,000GB of storage capacity
- 5,400 RPM rotational speed

- Advanced format 512e
- Eco-conscious design
- MTTF of 600,000 hours

VT1TB-MHDD 1 TB Hard-Drive for DVR

HARD-DRIVE FOR DVR

The 2TB Seagate SkyHawk is a high-quality surveillance HDD that delivers incredible performance. The innovative ImagePerfect firmware enables smooth, clear video streaming for always-on, 24/7 surveillance environments.





SATA III 6Gb/s

5900RPM

64MB cache

VT2TB-MHDD 2 TB Hard-Drive for DVR



BRACKETS

CP4 MONITOR BRACKETS



Choice of fixed or swivel bracket for CP4 monitor.

- Fixed/swivel bracket
- Adjustable angle
- Suitable for flat console

VT-CP4-BRCT Fixed Bracket for CP4 Monitor VT-CP4-SWVL Swivel Bracket for CP4 Monitor

DOME MOUNT



Optional mount for the VT-IP712-C3 Dome.

- Alters angle the camera is installed
- Improves camera road view
- Neat cable management

VT-C3-MOUNT Dome Mount

MONITOR MOUNT



Monitor mount for VT-M1-AHD/VT-M3-AHD with ball socket.

Adjustable angle

VT-MONITOR MOUNT

Permanent or temporary fixture

MIRROR MONITOR BRACKETS



Mirror monitor bracket, available in two lengths.

- Adjustable angle
- Can be attached directly on the windscreen
- Long bracket: 150(L)mm
- Short bracket: 100(L)mm

VT-MM-B-L Long Mirror Monitor Bracket VT-MM-B-S Short Mirror Monitor Bracket

CABLES

10 PIN TO 4 PIN - AV OUT



10-pin to 4 Pin - AV Out, used for CP4 monitor.

RS232 connector

CP4 MONITOR EXTENSION CABLE



10-pin CP4 Monitor extension cable.

5m length

FEMALE TO FEMALE CONVERTER



4-pin female to female converter cable.

Used to connect MDVR to monitor

EXTENSION CABLE



6-pin male to female extension cable.

5m length

Female to Female Converter VT-C5M-IPC

Long Monitor Mount

Extension Cable

VT-CP4-CONV

10 Pin to 4 Pin - AV Out VT-CP4-EXT

10 pin CP4 Monitor Extension Cable

VT-F2F-CONV



CABLES

NON-HD EXTENSION CABLES



4-pin non-HD extension cable.

- Available in 2.5, 5, 10, 15 and 20m lengths

VT-C20M	20m Ext. Cable
VT-C15M	15m Ext. Cable
VT-C10M	10m Ext. Cable
VT-C5M	5m Ext. Cable
VT-C2.5M	2.5m Ext. Cable

SUZI CABLE



Connects camera feed between trailer and cabin (additional extension cables required).

- Aviation spec.
- Low voltage
- 2.5m length

VT-SUZI 4-Pin Suzi Connector

HD EXTENSION CABLE



4-pin HD extension cable.

- Available in 2.5, 5, 10, 15 and 20m lengths

VT-C20M-AHD	20m HD Ext. Cable
VT-C15M-AHD	15m HD Ext. Cable
VT-C10M-AHD	10m HD Ext. Cable
VT-C5M-AHD	5m HD Ext. Cable
VT-C2.5M-AHD	2.5m HD Ext. Cable

VT2000 & VT2.2 POWER DELAY KIT



Power delay kit for extended recording when the vehicle is switched off for up to 24hrs. For VT2000 & VT2.2 only.

VT2000&VT2.2 Power Delay VT2000 Power Delay Kit

MISCELLANEOUS

PON SWITCH



This device allows users to connect cameras to the VT8000/VT16000 MDVR.

- IPC 4 channels
- Video Interface: M12 6 pins (10M/100M+12V+Ground)
- Power interface: M12 (9 Pin)
- RJ45(10M/100M)
- 126mm(L) x 149mm(W) x 43.3mm(H)

VT-5500-EXT G

VT5500 G-SHOCK SENSOR



Monitors the movement of your vehicle and is triggered by sharp swerving, heavy braking and potholes, as well as large crashes or collisions. Can only work with VT5500.

- Integrated six-axis sensor
- Monitors speed, driving behaviour etc.
- Data type K line
- CAN ISO 11898/ISO15765-4 high speed
- Working voltage 5V
- Acceleration ±16g
- 75(W) x 75(L) x 34(H)mm

DVR CRADLE



This caddy is designed to hold the hard drive in place on the VT5500 MDVR.

- Up to 1,000GB of storage capacity
- 5,400 RPM rotational speed
- Advanced format 512e
- Eco-conscious design

DVR CRADLE



This caddy is designed to hold the hard drive in place on the VT6000/6,2-HDD CADDY.

- Up to 1,000GB of storage capacity
- 5,400 RPM rotational speed
- Advanced format 512e
- Eco-conscious design

VT6000/6.2-HDD CADDY

VT8000-PON-SW

G-shock Sensor

VT5500/5500-G-HDD CADDY

DVR Cradle

DVR Cradle

PON Switch



MISCELLANEOUS

TRIGGER WIRE



This cable allows users to take alarm/event input/output messages from/to the MDVR.

Compatible with the VT5500 MDVR

VT5500-TW Trigger Wire

VT6.2 TRIGGER WIRE



This cable allows users to take alarm/event input/output messages from/to the MDVR.

Compatible with the VT6.2 MDVR

VT6.2TW VT6.2 Trigger Wire

VT8000 TRIGGER WIRE



This cable allows users to take alarm/event input/output messages from/to the MDVR.

Compatible with the VT8000 MDVR

VT8000-TW VT8000 Trigger Wire

DVR HARD-DRIVE READER



External hard drive reader allows users to read the hard drive from the MDVR by plugging into a PC.

- Power supply: USB, adapter
- Power Input: DC 12V
- Interface: USB 3.0 and DC 2.0
- 70.55(W) x 86(D) x 33.3(H)mm

VT-MHDD READER

DVR Hard-drive Reader

VT2000 LOCKING CASE





Locking case for the VT2000 Forward-facing telematics camera.

- Lockable case
- 2 keys included

EXTERNAL PANIC BUTTON



This panic button is designed to connect to the VisionTrack range. When the driver pushes the button it automatically sends an alert to the software platform with a video clip.

- Compact size
- Light weight
- Easy to use
- Single button

LED PANEL



10 LEDs indicate the power of the MDVR as well as its corresponding status. Panel also has a panic button, making it easier to trigger an alarm in an emergency.

- Connects with MDVR for driver to check working status easily
- Panic button to trigger alarm in an emergency
- Compact size
- Voltage Input +5V

EXTERNAL PANIC BUTTON



Features an LED light system to show activation and standby mode. Once pressed, an alert is sent to the software platform with a video clip of the event.

- Compatible with all forward-facing cameras
- Compact size
- Standby/Activated light signals
- Easy to use

VT-PANIC-LED

info@visiontrack.com

 info@visiontrack.com

VT2000-LC

VT2000 Locking Case

VT-PANIC

External Panic Button

VT-MDVR LED PANEL

LED Panel

External Panic Button







VT24/7 is VisionTrack's MONITORED FNOL solution that sends footage direct to the insurer, broker or claims management company in the event of an incident.

The service, offered by VisionTrack, the multi-award winning video telematics provider, uses the VT2000 connected forward-facing camera at the heart of the system, enabling fleets to manage the insurance claims process more efficiently while maintaining a high-level of duty of care to its drivers.

This monitoring service is designed to significantly reduce claim reporting times. For many organisations, reviewing and responding to multiple alerts can be both time-consuming and costly. Having a dedicated service that handles this process in a responsible and efficient manner can help decrease the overall cost of the claim.

- Monitor driver behaviour and vehicle event footage in near real-time
- Swifter resolution of claims
- Benefit from a powerful telematics platform

- Significant falls in liability dispute rates
- Instant access to HD 1080p video, providing evidence of what really happened
- White-label with your own brand

MONITORED FNOL SOLUTION



HOW MONITORED FNOL SOLUTION WORKS

The camera starts by triggering an event through our IoT platform. That event is then monitored by our UK-based call centre operators, who will review the footage and vehicle data.

Each incident will then be either dismissed as a false alert or, if the event is genuine, the footage is emailed direct to an agreed list of recipients, allowing the fleet manager to contact the driver, notify the emergency services, if required, and start the claims process.

CONFIRMED SAVINGS FROM ONE LEADING **INSURER USING CONNECTED CAMERAS**

18% reduction in claims costs

24% reduction in incidents













VT2000 triggers an alert as a result of an event on the road



Alert is managed through the VisionTrack IoT platform



Event footage and data are monitored & reviewed by UK-based call centre staff



Decision is made either to dismiss or notify



Footage is sent to the agreed list of recipients

Get a quick overview of your fleet's events (speeding, harsh braking, harsh acceleration etc.) with our customisable dashboard reports that can be white-labelled with your brand.





We supply the latest in high-definition FORS & CLOCS-compliant and insurance approved multi-camera and safety solutions.

Suitable for all types of commercial vehicles, our approved multi-camera and safety solutions enable drivers of HGVs and LGVs to see blind spots using rear, side and forward-facing cameras, which are permanently recording.

For more information on making your vehicle fleet FORS and CLOCS-compliant, call **01246 225 745** or email **info@visiontrack.com**.









- **▼ COMPLETE** 360° vision and blind spot detection
- USER-FRIENDLY IoT platform
- IMPROVE driver behaviour
- **♥ SPEED UP** the insurance claims process
- **POWERFUL** fleet tracking and monitoring
- ✓ **IMMEDIATE** access to speed, G-force & videos
- **24/7 EVENT FORWARDING** to your insurer/CMC
- **✓ HEALTH CHECK** 24/7 diagnostic checking







NOTES









COMPANY

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INFORMATION

& SUPPORT

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info@visiontrack.com

Sales:

orders@visiontrack.com

Operations Director:

gbarnes@visiontrack.com





CUSTOMER SERVICES

& SWITCHBOARD

01246 225 745

(Monday - Friday 9.00am - 5.00pm)



COMMISSIONING

SUPPORT

01246 225 858

(Monday - Friday 8.00am - 6.00pm) (Weekends - 9.00am - 5.00pm)



TECHNICAL SUPPORT

01246 223 152

(Monday - Friday 7.00am - 7.00pm)



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Design and specifications are subject to change without notice.

Product Catalogue 2019 | Edition 2



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