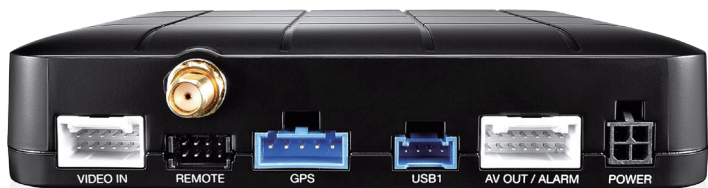


VISIONTRACK

THE NEXT GENERATION OF TELEMATICS
AND INTEGRATED CAMERA SOLUTIONS

VT4000

INSTALLATION GUIDE



THE UK'S MOST AWARD-WINNING CAMERA TELEMATICS COMPANY



www.visiontrack.com

Overview

The VT4000 is a 4-channel mobile digital video recorder, providing 1080p full HD video for excellent picture detail and clarity, together with all the benefits of remote or local viewing, recording and playback.

Key Features:



Supports 3-channels AHD + 1 analogue channel



Industry-leading, connected and HD-quality digital video recorder and telematics system



Provides HD images before, during and after an incident



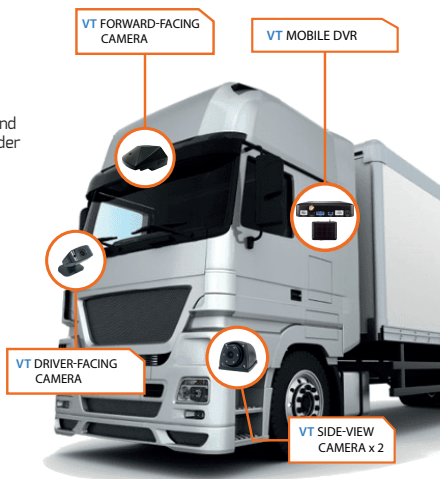
All video footage and vehicle data is encrypted



GPS and GLONASS receiver with self-checking notifications



VisionTrack IoT platform for event video



IMMEDIATE

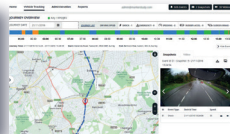
ACCESS TO SPEED, G-FORCE, IMAGES AND VIDEOS WHEN AN INCIDENT OCCURS

POWERFUL

CLOUD-BASED SOFTWARE PLATFORM OFFERING NEAR REAL-TIME MONITORING OF VEHICLES & DRIVER BEHAVIOUR

INSTANT

FIRST NOTIFICATION OF LOSS (FNOL) ALERT SO USERS CAN SEE WHO WAS AT FAULT



Safety advice



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



**CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER.**

**NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**

Please make sure you follow the safety advice/instructions given in the user guide.

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS. Battery for RTC (Real Time Clock) inside.

CAUTION

Install the product where it does not block driver's visibility and where there is no airbag installed. This could cause an accident or might injure passengers incase of accident.

CAUTION

Damages due to production malfunction, loss of data, or other damages occurring while using this product shall not be the responsibility of the manufacturer. Although the product is a device used for recording videos, the product may not save all videos in the case of a malfunction. In the case of an accident, the sensor may not recognize the shock when the impact is light and as a result it may not begin recording automatically.

WARNING:

**TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD,
DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**

GPS RECEPTION

- 1. Activate the product in an area without large buildings to improve GPS reception.**
The commercial purpose GPS has the average range error of more than 15 meters and the range error could be more than 100 meters due to environmental conditions like buildings, roadside trees etc.
- 2. The temperature range for optimum operation of the GPS receiver in your vehicle is -10 ~ 50°C.**
- 3. When using the product for the first time or after a long period (more than three days), it may take a little longer to recognize your current location.** It may take between five and thirty minutes to get GPS reception.

GPS reception may be impaired under the following circumstances:

- 1.** If there is an object at the end of the GPS antenna.
- 2.** If your vehicle has metallic elements on the windshields.
- 3.** If equipment generating electromagnetic waves that interfere with the GPS signal is installed in the vehicle e.g.: Other GPS devices such as a certain type of wireless activated alarms, MP3 B and CD players and camera alarms using GPS.
- 4.** If you are using a receiver connected by cable, electric interference can be avoided by simply changing the location of the receiver (antenna).
- 5.** On heavily overcast or cloudy days, if the vehicle is in a covered location such as under a bridge or raised roadway, in a tunnel, an underground roadway or parking area, inside a building or surrounded by high-rise buildings.
- 6.** If GPS signal reception is poor, it may take longer to locate your current position when the vehicle is moving than when it is stationary.

What's in the box:



1. VT4000 Video Recorder



2. VT-PANIC Button



3. Power Cable



4. GPS Antenna module



5. Audio/Video out cable



6. Camera input cable



7. 3G Antenna



8. User Guide not a o to it



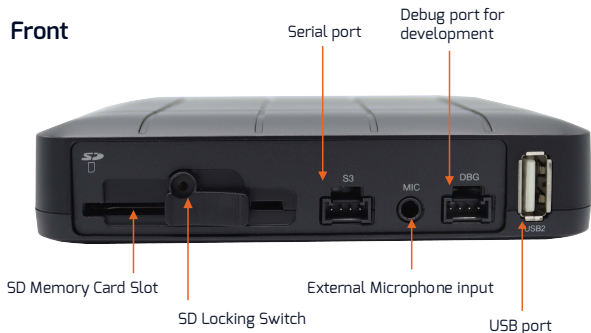
9. 3M™ Pad (x2)



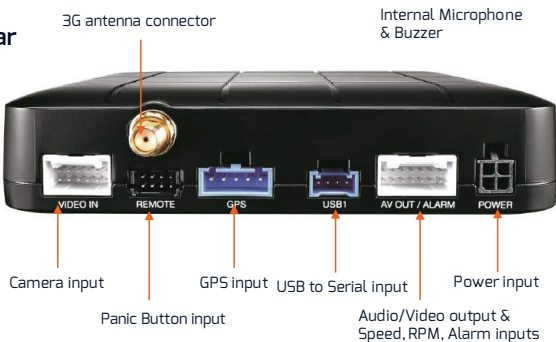
10. Wire Clips (x5)

VT4000 Details:

Front



Rear



Side



VT4000 Installation:

1. Park your vehicle on a flat level surface.
Turn off the engine before installing the **VT4000**.
2. Find installation location for **VT4000** like in the glove box, under the dash or in the trunk.

NOTE: The adhesive will not stick well with dust or oil, etc. Please make sure the surface is clean before applying. Heating the pad will increase strength and prevent from falling off.



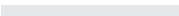
3. Install the cameras (sold separately) with 3M™ Pad provided to the windshield or other flat surfaces as seen below. Adjust camera view. Make sure the lens has an unobstructed view.



4. Install the **VT-PANIC** Button onto the dash within reach of the driver using the 3M™ Pad provided.
5. Arrange the power cable neatly alongside of the windshield and door pillar trim. The **VT4000** requires a continuous 12 to 24 volt power source from the vehicle. As well as ignition, this can be installed into the 24/12v.

- Position the power kit cable around and behind the vehicle's interior panels down towards the fuse box or power source. Ensure the vehicle ignition is off and connect the required wires to the vehicle, as displayed below in the power kit cable wiring diagram.

Power Kit Cable* Wiring Diagram

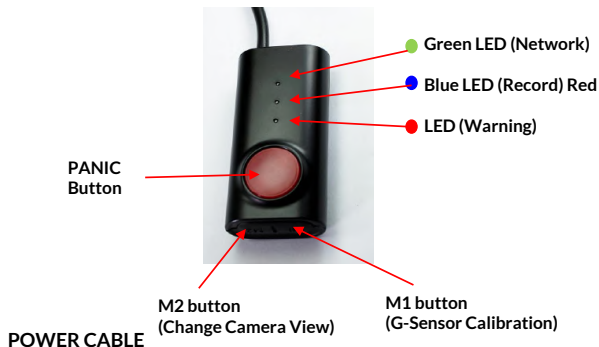
-  **Black** (Ground)
-  **Red** (Power Battery +)
-  **White** (Ignition ACC+)

* The power kit cable can be used for extended recording for up to 24 hours when the vehicle's ignition has been turned off. Additionally, the power kit cable enables the camera to report into the platform with its built-in heartbeat function for health check purposes.











WARNING! On **installation** please leave camera to boot up completely for approximately 5 minutes and **call VisionTrack support team on 01246 223 152** to confirm camera install is complete. If you do not do this it will **INVALIDATE** the warranty.

Panic Button



	Black (Ground)
	Red (Power Battery +)
	White (Ignition ACC +)

ALARM IN/OUT CABLE

	White (Alarm In1, Voltage on/off (3~70V))
	Purple (Alarm In2, Voltage on/off (3~70V))
	Green (Alarm In3, Voltage on/off (3~70V))
	Grey (RPM)
	Blue (Speed)
	Orange (Alarm out1), Low(0V) to High (5V)
	Brown (Alarm out2), Low(0V) to High (5V)
	3 x Black (Ground)

LED and Buzzer Specification:

Status/Step		LED			Buzzer	Voice [Remark] To hear the Voice, please audio output cable to speaker.	
		Warning	Record	Network			
		(Red)	(Blue)	(Green)			
Start-up	Bootling step1 (0~20)		On	Off	Off		
	Bootling step2 (20~30)		On	On and Off	Off		
	Bootling Finished (30, 1second)		On	On	On	[Beep] (1000Hz, 200msec)	「Beep」(1time)
	During Power off		Off	Simultaneous Flashing(Blink rate: fast)			
	Power off finished		Off	Off	Off	[Beep] [Beep] (500Hz, 150msec)	
Record	Continuous Record	Recording	On				
	Event record	Stand by	On				
		Recording	Flashing(Blink rate: fast)				
	Dual record	Continuous recording	On				
		Event recording	Flashing(Blink rate: fast)				
No record	Not record	Off					
Network	3G Network Device Ready				On		
	Communication				On		
Function	SD Initialize (Format)		Off	On and Off	Off and On	(Beep, 1time) continuously	
	G-Sensor Calibration					「Beep→(after 2 seconds) Beep- Beep」	
	FW Upgrade			On and On and Off and Off	Off and Off and On and On		
	Button Press					[Beep] (2000Hz, 200msec)	「Beep」
Warning	System Warning	SD Card Full	Flashing(Blink rate: fast)	Off		「Beep x 4」(3times)	
		Video loss Video STD error	On				
Error	Record Error	SD error, No SD, Write fail	Flashing(Blink rate: Slow)	Off		「Beep x4」(3times)	
	Network Error	3G Network Device error SIM error			Off		
		Data Network connection error			Flashing(Blink rate: Slow)		
		DMS communication error			Flashing(Blink rate: Slow)		
Event Trigger	G-Sensor, Panic Button, Alarm-In					「dingdong x2」(1time)	
	Over Speed					「beep, beep x2」(1time)	

THE UK'S MOST AWARD-WINNING CAMERA TELEMATICS COMPANY



VISIONTRACK

www.visiontrack.com

VT4000 INSTALLATION GUIDE

VISIONTRACK

2 Chapman Way
High Brooms Industrial Estate
Tunbridge Wells
Kent
TN2 3EF



Visiontrack Official Website