VISIONTRACK

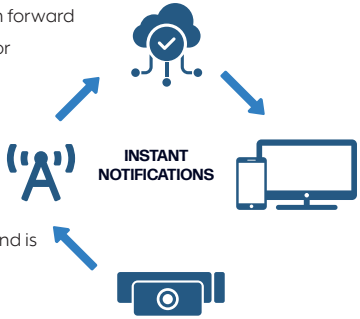
VT3000
INSTALLATION GUIDE

THE UK'S MOST AWARD-WINNING CAMERA TELEMATICS COMPANY

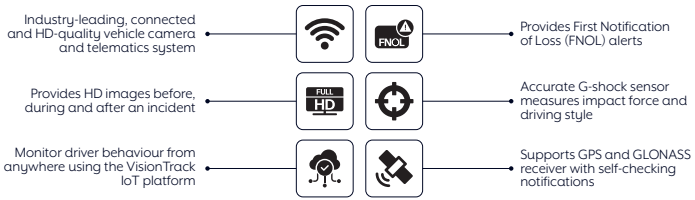
www.visiontrack.com

Overview

The **VT3000** camera consists of two parts: the main recording unit, which has a built in forward facing camera, and an optional driver or passenger facing internal camera (**VT-C26-IPC**). The **VT3000** is a full-HD 1080P connected camera that enables users to record up to 256GB of footage on an SD card. The compact forward-facing camera supports GPS and is protected by a lightweight aluminium casing.



Key features:



What's in the box:

1 VT3000 Vehicle Recorder
(Includes 3mm sticky pad attached)

2 S-VT3000 Power Loom

3 S-VT5500-G/VT3000 GPS Antenna

4 VT3000 Panic Button

5 S-VT3000 Torx

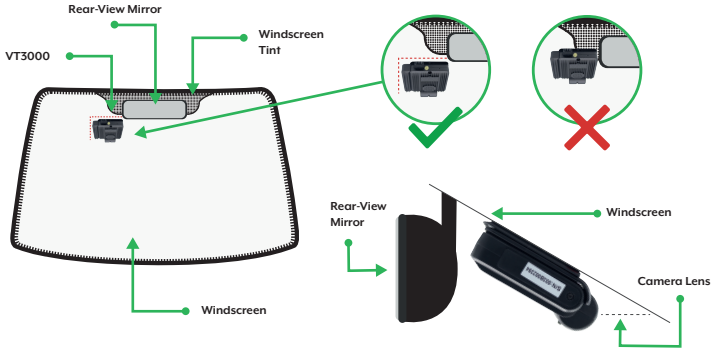
6 VT3000 USB Adapter

VT3000 Details:

VT3000 Installation:

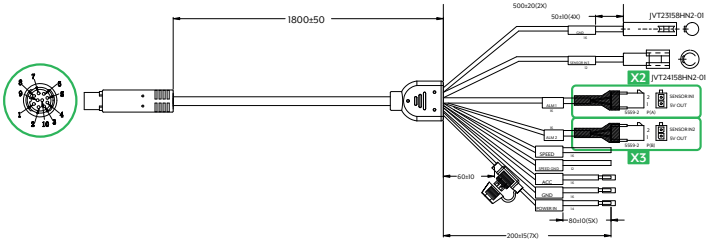
1. Already attached to the **VT3000** is a sticky adhesive pad, please use this to secure the **VT3000** onto the windscreen.

2. **IMPORTANT: Degrease and clean windscreen before attaching.**
After the windscreen is clean, secure the **VT3000** behind the rear-view mirror, below the windscreen tint. Place the camera as high on the windscreen as possible, but still within the windscreen wiper area.



DO NOT APPLY CAMERA TO TINTED WINDSCREEN SURROUND. MUST BE STUCK TO CLEAR GLASS TO AVOID ANY GPS SIGNAL INTERFERENCE.

VT3000 Wiring:



Pin	Colour	Label	Description
1		Speed GND	Speed Ground
2		Speed	Speed Input (Pulse)
3		Power In	Battery+ (9-36v) (Mini blade fuse 7.5)
4		ALM 1 (2 connections)	X2 = VT3000 Panic button
5		ALM 2 (2 connections)	X3 = VT3000 Panic button (optional could be for passenger in taxi application)
6		ACC	Ignition
8		Sensor In3	Sensor/Trigger Input
9		GND	GND for Sensor In3
10		GND	Ground

VT3000 Wiring:

How to connect the VT3000 GPS Cable to the GPS Antenna Output.

Line up the cables to connect the VT3000 GPS Cable with the GPS Antenna Output cable. Once the cables are lined up, push together to secure connection.

How to connect VT3000 IPC Cable to the VT-C26-IPC.

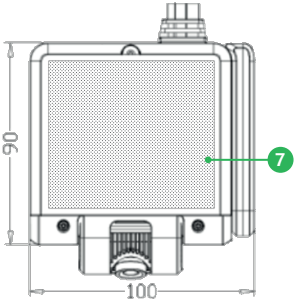
Line up the cables to connect the VT3000 IPC Cable with the VT-C26-IPC. Once the cables are lined up, push together and twist the silver plate to secure connection.

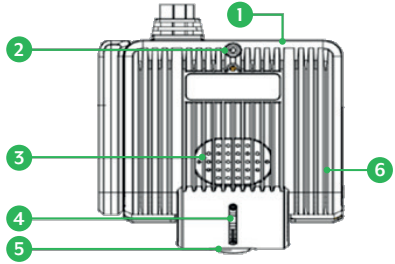
VT3000 Specifications:

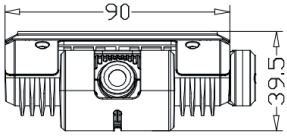
Network	3G/4G	Supports
Positioning	GPS/BD dual mode	Supports
Sensor	Six-axis sensor	Supports
Working status indicator	The indicator light shows the four states of the device:	Power on: the device is powered, the red light is always on Normal operation: green light is always on Fault alarm: indicator red light flashes once a second Sleep: green light flashes 1 second and off 10 seconds
Storage	SD Card	SD card, supports SDXC64GB/128GB/256GB,
		Supports hot plugging and unplugging
Video & Audio	Video and Audio recording	2 video channels, 2 audio channels
	Resolution ratio and frame	VT-C26-IPC: 720P @ 30fps
	Rate of main code stream	VT3000: 1080P @ 30fps
	Largest resource	Main stream 1080P @ 30 frame +720P @ 30 frame,
		2 way sub-stream VGA @ 30 frame
	Image setting	Brightness, color, contrast, color saturation,
	Video coding	H.264 baseline profile/H.264 main profile baseline
	Video compression rate	VT3000: 500Kbps ~ 6Mbps
		VT-C26-IPC: 500Kbps ~ 6Mbps
	Audio compression standard	G.711U/ADPCM
	Audio compression ratio	4:1
	Audio input	Supports
Camera parameters	Sensor Type (VT-C26-IPC)	1/3" 1.23M pixel CMOS Sensor
	Sensor type (VT3000)	1/2.9" 2M pixel CMOS Sensor
	Shutter speed	1/30sec - 1/100000sec
	Lens/FOV (field of view)	VT-C26-IPC: 2.3mm/115º (FOV); VT3000: 4mm/90º (FOV)
	Lens interface type	M12
	Day-and-night switching mode	VT-C26-IPC: supports; VT3000: doesn't support
	Day-and-night switching mode	Digital wide dynamic
	Backlight compensation	Supports
	Signal to noise ratio S/N	>48db
	Infrared distance IR	VT-C26-IPC: 3m; VT3000: none
Interface	RS232	2 channels
	IO alarm	2 with self-test
	Speed	1 channel
	Power output	5VDC @ 500mA, 12VDC @ 500mA
Protocol	Network Protocol	HTTP, TCP, ARP, UDP, FTP, DHCP, DNS, IPV4, NTP
Power related	Power supply	9-36V
	Built-in battery	Not supported
	Typical power consumption	6W (up to 12W with 12v Power Output Option from GPIO Cable)
General specification	Operating temperature	-30°C~+70°C
	Storage temperature	-40°C~+85°C
	Humidity	0% - 90%
Dimensions	LxHxW	90x39.5x100

VT3000 Dimensions LxHxW:

Dimensions LxHxW 90x39.5x100



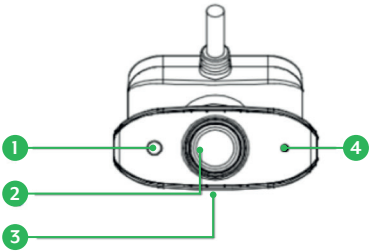


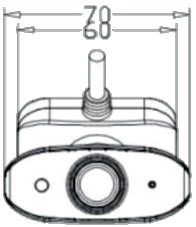


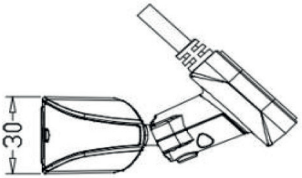
Items	Definition
1.	MIC
2.	Fixing screw of cover
3.	Speaker
4.	Camera Adjustment Screw
5.	VT3000 lens (towards outside)
6.	SIM / SD Card / USB Cover Screw
7.	Adhesive Pad

VT-C26-IPC Details (Optional):

VT-C26-IPC Dimensions LxHxW:







Items	Definition
1.	Photosensitive area
2.	VT-C26-IPC lens (towards inside)
3.	Fixing screw of VT-C26-IPC
4.	MIC

Dimensions LxHxW 40(base)x80x70

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VT3000 INSTALLATION GUIDE

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VisionTrack Official Website