



VIRTUS[®]

FLEET



The UK's Leading Provider of
Fleet Management and Safety Solutions

A Foreword from the Managing Director



“ Here at VIRTUS FLEET, we provide end to end fleet management solutions. As the UK's leading fleet management and safety solutions provider, our primary aim is to continue to develop the best solutions in the automotive, fleet and insurance sectors.

We pride ourselves on our creatively designed, powerful technology. Please contact the team should you wish to ask any questions about the products depicted in this brochure.

”



WHY USE VIRTUS FLEET?

Our products at VIRTUS FLEET range from Witness Cameras and driver behaviour products to fleet management devices. All of our products offer many benefits and because every customer is unique, we will create bespoke solutions to meet your personal needs. VIRTUS FLEET's advanced recording capabilities can provide evidence for potential liability issues and they can be used as an educational tool to improve driving practices too.



REASONS WHY...



Save MONEY!

Because the number of road users are increasing, so are insurance premiums. VIRTUS FLEET can protect you and save you money simultaneously. Having a witness camera will help decrease your yearly insurance quotes as you have a personal witness to use as evidence for any potential liability issues.



Save TIME!

Deciphering who was at fault in a car accident can often waste hours of your time. The video footage that your VIRTUS FLEET products will supply will give you automatic proof to provide to your insurance company in the case of a dispute.



Increase PRODUCTIVITY!

Whether you, or a third party, are liable for a road traffic accident, video footage from our cameras will speed up the claims process. This will inevitably allow you to get back on the road quickly and efficiently.



Improve SAFETY!

VIRTUS FLEET will improve your safety in two ways. The first is by protecting you from fraudulent motoring claims, our products will save you from damaging fake allegations by providing you with 24-7 footage. Another way VIRTUS FLEET improve safety is by generally improving road safety for all users, knowing your driving is being monitored and recorded often has a positive effect on the quality of your driving.






Titan I

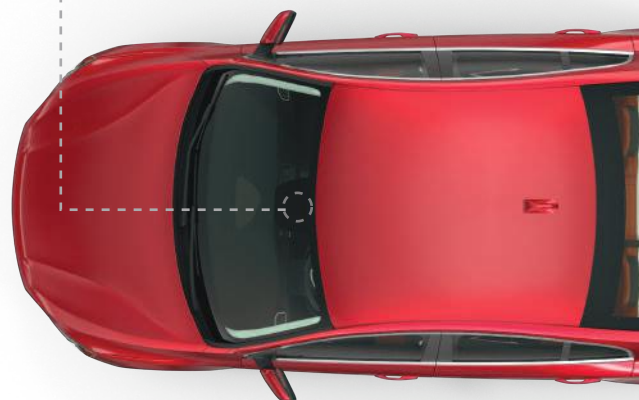
VIRTUS FLEET's TITAN I black box recording system is a feature-filled recording system that should be a part of any fleet's safety procedure

Tamperproof hardware, encrypted recordings and password protected viewing software make the TITAN a robust addition to the commercial market. Featuring full HD 165° angle recordings at 30 frames per second, in-window zoom function, purpose designed Format Free Technology, Independent G-sensor sensitivity controls and battery protection which is compatible with both 12v & 24v vehicles. TITAN I is a versatile and reliable addition to any fleet manager's arsenal.



Model	Titan I
Channels	1
Camera	1 / 2.9" CMOS Digital
Camera Angle	165°
Recording Resolution	1920 x 1080 - 30fps
Recording modes	Driving, Parked, G-sensor, Emergency
GPS	Built in GPS
G-Sensor	Built in 3-Axis Acceleration Sensor
Memory card	8Gb - 128Gb MLC grade Micro SD Card
Maximum Recording Time	45 Hours Depending On Quality/Resolution Settings
Audio Recording	Built in High Sensitivity Microphone
Notifications	Built in High Quality Speaker
Battery Protection	Yes
PC Viewer	Yes - Password Protected
Power - Rated Voltage	DC 12v - 24v
Power - Operating Voltage	DC 7v - 28v
Power - Consumption	190 - 230mA
Operating Temperature	-10°C - 70°C
Storage Temperature	-30°C - 80°C
Additional Features	Tamperproof, Uses Format Free Technology, Video Zoom Window, Low Profile Design, Auto Shutdown Timer, 8x Event types for Specific Alerts.

-  1920x1080 FULL HD IMAGE RECORDING
-  165° WIDE ANGLE VIEW
-  TAMPER PROOF
-  LOW POWER CONSUMPTION
-  LOCKABLE



Titan II

TITAN II is practically identical to TITAN I, containing all the safety, reliability and feature filled design but with the added benefit of having the option of using a second camera.

Internal, external, side/reverse, driver facing IR/Non-IR, heavy duty – almost any variety of 3rd party hardware can be utilised alongside the main TITAN II unit to make an adaptable and functional commercial system. Here at VIRTUS FLEET we are committed to improving driving behaviour standards and have developed the most up to date technology in vehicle safety solutions which can be epitomised in the TITAN collection



OPTIONAL CAMERAS



Model	Titan II
Channels	2
Camera	1 / 2.9" CMOS Digital
Second Camera	Internal/External 2.5mm jack NTSC AHD 4-Pin Aviation
Camera Angle (Main)	165°
Camera Angle (secondary)	Depends on camera selection
Recording Resolution	1920 x 1080 - 30fps
Recording modes	Driving, Parked, G-sensor, Emergency
Video Out	1x CVBS Output
GPS	Built in GPS
G-Sensor	Built in 3-Axis Acceleration Sensor
Memory card	8Gb - 128Gb MLC grade Micro SD Card
Maximum Recording Time	30 Hours Depending On Quality/Resolution Settings with 2 channels
Audio Recording	Built in High Sensitivity Microphone
Notifications	Built in High Quality Speaker
Battery Protection	Yes
PC Viewer	Yes - Password Protected
Power - Rated Voltage	DC 12v - 24v
Power - Operating Voltage	DC 7v - 28v
Power - Consumption	210 - 250mA
Operating Temperature	-10°C - 70°C
Storage Temperature	-30°C - 80°C
Additional Features	Tamperproof, Uses Format Free Technology, Video Zoom Window, Low Profile Design, Auto Shutdown Timer, 8x Event types for Specific Alerts, Trigger Output for Tracker integration



1920x1080 FULL HD IMAGE RECORDING



165° WIDE ANGLE VIEW



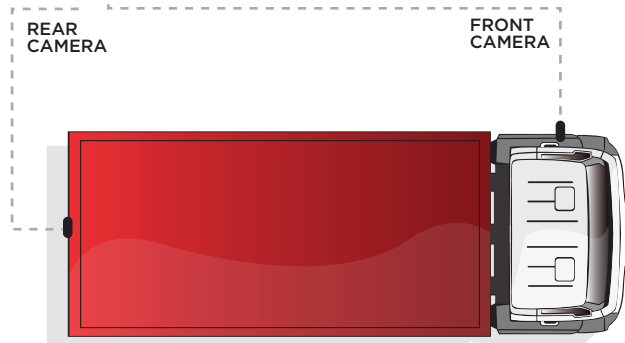
TAMPER PROOF



LOW POWER CONSUMPTION



LOCKABLE



Zeus

ZEUS is a live streaming black box fleet management system. Capable of additional tracking functionality, it monitors driver behaviour and can be used for commercial and personal markets. In fleet management, data captured solely from a GPS tracking device is no longer sufficient to accurately deduce live situations, making it difficult for controllers to obtain precise evidence. With the added bonus of additional safety and accountability, the ZEUS provides users with a high end but cost-effective fleet management solution. After investing £1 million into research and development, we developed ZEUS to have the best quality components and software.



Model	Zeus
Channels	2 max
Video Resolution	HD 1280x720
Frame Rate	15fps
Main Camera Viewing Angle	140°
Secondary Camera Viewing Angle	145°/162°
File Format	.AVI
Encoding	H.264 (AVI/PCM)
Video Size	10mb/10sec
Camera cable Connection	SMB
Camera Cable Length	14m Max
Storage Type	Dual Micro SD 128Gb (2x 64Gb)
Network Type	LTE/3G
Frequency	800-2600mhz
Data consumption - Image	40Kb
Data Consumption - Video	10Mb (10sec)
Data Consumption - Live Streaming	3Mb per min
GPS Type	Internal A-GPS
GPS Speed	1Hz/9600bps
G-Sensor	3-Axis Accelerometer
Tamper Sensor	2x Tamper Sensors
Microphone	Internal/External
Speaker	Internal/External
LEDs	3x Status LEDs - Power, Video & Network
Battery	2000mAh Li-Ion Battery
Size	147mm x 113mm x 38mm
Weight	205.6g
Operating Temperature	-20° - 75°
Voltage	DC12v - 24v
Certification	CE, FCC, E-MARK

This is a high speed 4G EE data package	
Terms	36 Months
Price	£10.00 + VAT
Allowance	2GB DATA

This is a high speed 4G EE data package	
Terms	24 Months
Price	£12.00 + VAT
Allowance	2GB DATA

FLEET MANAGEMENT

- Real-time Tracking
- Driver's Behavior
- Emergency calling
- Prevent Vehicle Theft

VIDEO SURVEILLANCE

- User-oriented Video Uploading Feature (Event Alert / Video list Retrieving)
- Live Streaming

SECURITY

- Triple Data Protection (Locker / Tamper Sensor / Encrypted Video)

WEB INTERFACE

- Group Management
- Downloading Daily / Monthly Report
- Remote Device Setting



The NYSUS Collection

The NYSUS range of Mobile Digital Video Recorders have an incredible range of features to suit almost every requirement within the fleet management sector. VIRTUS FLEET offer an extensive collection of 9 variants to cater for both functionality and cost effectiveness. The NYSUS 1,2 & 3 range of DVRs are single SD card devices for a discreet yet fully functional solution for your video recording and tracking needs. Every NYSUS product has access to a highly detailed and thorough management program to help capture the unexpected so you can protect your business



4CH Hybrid AHD SD Mobile DVR

NYSUS - 1



NYSUS - 2



NYSUS - 3



NYSUS 2- Our Entry Level DVR with GPS Recording is suitable for short term recording from up to 4 cameras. It is ideal for vehicles with short operating range. GPS information is added to recordings for any compliance or evidence requirement. A smaller unit which can be hidden away for added security, lockable and reliable and the added ability to set trigger alert.

4CH Hybrid AHD Dual SD Mobile DVR

NYSUS - 4



NYSUS - 5



A Nysus 4 has the capacity for a longer and larger storage of your data, recordings and/or dedicated storage. This is particularly useful if you are looking to protect your business or goods with a constant dedicated video feed. Nysus 5 has all the features of Nysus 4, with added 3G/4G Functionality!

4CH Hybrid AHD HDD Mobile DVR

NYSUS - 6



NYSUS - 7



NYSUS 6- This is a heavy duty recorder used for larger vehicles with a 4 channel output and a larger storage capacity. Essential where driver safety, compliance and insurance requirements are essential. This is perfect for small lorries, HGV's and small coaches.

8CH Hybrid AHD HDD Mobile DVR

NYSUS - 8



NYSUS - 9



The NYSUS 8 & 9 range of DVRs are a robust solution for longer term vehicle recording and tracking. Capable of utilising the latest Solid State Hard Drives or standard mechanical disks, alongside an additional SD card that offers continuous 8 Channel video and tracking data retention.

The VIRTUS VF1200 Parking Sensors

A necessity for all, the front and rear parking sensors will act as a warning sign when you get too close to an obstacle and risk damaging your vehicle. As mirrors are often misleading and cars and other objects may seem further away than they really are, the VIRTUS FLEET parking sensors are not only a handy tool to protect your car but also protects against potential liability issues.



REAR

Features

- Choice of speed or brake activation
- Adjustable detection range
- Adjustable sensitivity
- Device/Sensor error detection
- Sensor frequency: 40Khz
- Detection range: 2.4m
- Response Time: 0.15s
- Power Rated Voltage: 12/24 V
- Power consumption: 60mA - 150 mA
- Operating temperature range: -30 degrees to 80 degrees"



FRONT

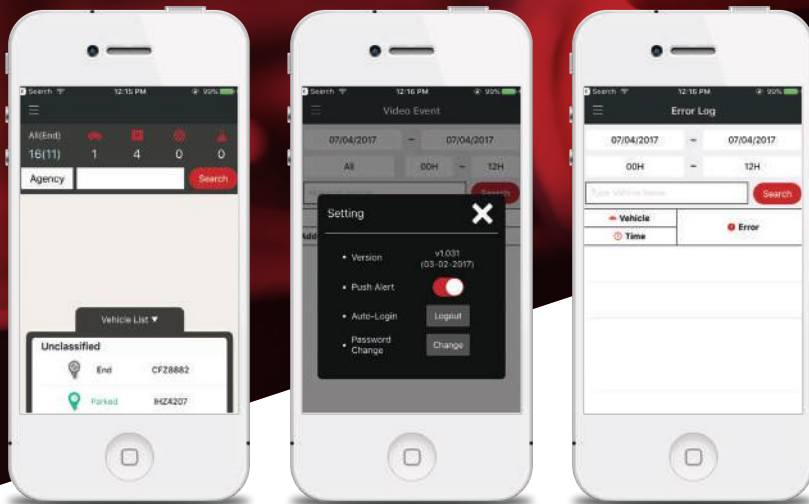
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Check Out Our Mobile Apps!

Our products are fully equipped and compatible for mobile applications. This allows for easy tracking and monitoring! We have two versions, one for the driver and one for the manager, as well as an online platform for easier management.



ZEUS MANAGER: Features

- Compatible with Android and IOS
- View individual vehicle details eg. Current location, network status, daily mileage, GPS status, data usage and unit's last connection date
- View location on map
- View tracking history on map (route highlighted)
- Push notification on events
- Preview photos of event before download (to avoid high data usage)

ZEUS DRIVER: Features

- Compatible with Android and IOS
- Can only view own vehicle
- View location information and tracking details
- Geofencing ready

ONLINE PLATFORM: Features

- Contains sections for alerts, fleet monitoring, driver behaviour and user/account management
- Live vehicle camera video feed
- Locate driver/vehicle on map with address
- Review driver route and travelling speeds
- Time/Date event search function
- Access vehicle SD card formatting



		TITAN I	TITAN II	ZEUS	NYSUS 1	NYSUS 2	
RECORDING DEVICES	Channels/Cameras	1	2	2	4	4	
	Recording Modes	Driving - Constant Parked Manual	Driving - Constant Parked Manual	Driving - Constant Parked Manual	Driving - Constant Trigger Based Event	Driving - Constant Trigger Based Event	Trigger Based Event
	3G/4G	No	No	4G	No	No	
	Built in GPS	Yes	Yes	Yes	No	Yes	
	Memory	32 - 128 GB MLC Grade Micro SD Card	32 - 128 GB MLC Grade Micro SD Card	32 - 128 GB Over 2 SD Card Slots	32 - 128 GB	32 - 128 GB	32 - 128 GB
	Max Recording	45 hours standard*	30 hours standard*	48 hours standard	36 hours standard	36 hours standard	
	Microphone	High Sensitivity Microphone	High Sensitivity Microphone	High Sensitivity Microphone	Camera Dependent	Camera Dependent	Dependent
	Audio Event Notification	Yes	Yes	Yes	No	No	
	Battery Protection	Detects battery voltage and switches off when low	Detects battery voltage and switches off when low	Detects battery voltage and switches off when low	Detects battery voltage and switches off when low	Detects battery voltage and switches off when low	
	Encrypted	Yes	Yes	Yes	Yes	Yes	

NYSUS 3	NYSUS 4	NYSUS 5	NYSUS 6	NYSUS 7	NYSUS 8	NYSUS 9
4	4	4	4	4	8	8
Driving - Constant Trigger Based Event	Driving - Constant Trigger Based Event	Driving - Constant Trigger Based Event	Driving - Constant Trigger Based Event	Driving - Constant Trigger Based Event	Driving - Constant Trigger Based Event	Driving - Constant Trigger Based Event
3G/4G	No	3G/4G	No	3G/4G	No	3G/4G
Yes	Yes	Yes	Yes	Yes	Yes	Yes
2 - 128 GB	32 - 256 GB (2 Slots)	32 - 256 GB (2 Slots)	2TB HDD 32 - 128 GB	2TB HDD 32 - 128 GB	2TB HDD 32 - 128 GB	2TB HDD 32 - 128 GB
36 hours standard	72 hours standard	72 hours standard	1008 hours	1008 hours	504 hours	504 hours
Camera Dependent	Camera Dependent	Camera Dependent	Camera Dependent	Camera Dependent	Camera Dependent	Camera Dependent
No	No	No	No	No	No	No
Detects battery voltage and switches off when low	Detects battery voltage and switches off when low	Detects battery voltage and switches off when low	Detects battery voltage and switches off when low	Detects battery voltage and switches off when low	Detects battery voltage and switches off when low	Detects battery voltage and switches off when low
Yes	Yes	Yes	Yes	Yes	Yes	Yes



Call us on

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Visit our website for more information

www.virtusfleet.co.uk

