

Shutter Door Security Lock & Vehicle CCTV Systems

FLEET SERVICE Ltd

Shutter Door Security Lock

Shutter Lock History

Fleet Service have developed a security lock for small and large commercial vehicle shutter doors. The lock was initially designed by request from a customer who required a very secure heavy duty locking device which was slam lock by design. The lock has been used in the cash and valuables transport industry now for over 10 years and has proved to be very reliable and provided the end user with the right product for the job.

Fleet Service has decided to promote this security locking device to the wider transport sector backed up by our field support service.

The Lock Assembly



Anti collision protection

Internal emergency escape



Locking Crank Bar fitted on a narrow slat shutter door



External view of the Crank Locking Bar.

Lock Housing

Fleet Service have designed the lock to provide full protection from pallets or loading cages. The unit was originally designed to withstand the impact from 500 - 700 Kgs in weight of transport cages whilst being loaded and unloaded.

Encased within the housing are all of the electronics and control devices required to operate the lock.

Lock Operation options

At Fleet Service we understand that no two companies have the same requirements. To this end we have designed multiple options to operate the shutter lock unit.

KABA SECURITY KEY

The Kaba key switch and key is the most secure key in the market today. The keys can be registered to the specific customer if required or alternatively they can be put on the Fleet Service key plan at Kaba. This ensures that no one can ever obtain a replacement key without written authority from the designated key plan signatory's.



DALLAS FOB

The Dallas fob is the preferred option for certain operators. These are 128 bit encryption therefore this provides a very secure unit. The fob has no need for an internal battery. The fob receives its power from the "I" button receptacle.



RFID TAG OPTION / RECEIVER



RFID RECEIVER



The RFID system has 2 options available.

1. THE STANDARD RFID SYSTEM

This allows the operation of the rear door as would be expected. It also allows the operator to programme replacement fobs as and if required.

2. THE ENHANCED RFID SYSTEM.

This system has all of the above features plus it allows the vehicle to be programmed so that the door will only work on specific days and times. This feature can be useful if vehicles are left loaded in a warehouse over the weekend.

This unit also has the facility to report door opening locations if combined with an existing tracking device. A tracking system can also be supplied and fitted by Fleet Service with the unit if required to provide this and other information back from the vehicle.

Master tags can be supplied to authorised people within an organisation to allow additional fobs to be programmed or deleted as and when required.

The shutter lock can also be integrated into one of Fleet Service's high specification security systems.

KEY FEATURES

- 12 or 24 volt
- Hardened stainless locking shaft provides in excess of 1 tonne break point.
- Internal emergency over ride
- Heavy duty steel body for impact protection
- Heavy duty crank locking bar.
- Multiple operating devices: Security key / Dallas fob / RFID / Cab switch
- Low maintenance
- Reliability proven
- Will fit on a wide or narrow slat shutter types
- UK installation & back up
- Will operate down to -25 degree's
- Can be used on commercial premises shutter doors.

WARRANTY

All products carry a full 12 months standard warranty. This is backed up by our in house field support service "*Fleetcare*" who will attend the vehicle at your premises if required.

Life time fixed term maintenance contracts are available which have the benefit of a 6 monthly service of any product supplied and fitted by Fleet Service. This ensures lifelong reliability and fixed costs.

If you would like any additional information or to arrange a demonstration visit please contact:

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Vehicle CCTV Systems

CCTV Systems

Fleet Service can provide various levels of CCTV from the basic windscreen mounted accident recorder to multiple camera systems with DVR and live streaming images back to a control facility.

At Fleet Service we understand that each customer has their own requirements subject to what issues they are trying to resolve, which is why we offer bespoke solutions to solve their issues.

VDR-SEL (Video Data Recorder)

The VDR-S is our entry level system and records ultra high quality video recordings of up to 2 cameras. This can capture essential footage of accidents and help defend drivers who have been wrongly accused of causing accidents by dangerous driving, or protecting them from erroneous complaints by other road users or passengers.

The court admissible footage and incident data includes the force of impact, vehicle speed, and the GPS location complete with the time and date and footage showing the level of damage to other vehicles involved and the number of passengers and level of injuries. This is essential data for insurance companies to disprove claims in the battle against 'Crash for Cash' scams, and fraudulently inflated injury claims such as whiplash, which makes up 90% of third party injury claims.

These are major contributors to commercial fleet vehicles seeing an increase in the average claim size by over 4.8% since 2012.



Windscreen Device

VDR-SEL Key points:

- Ultra high quality recording of up to 2 cameras
- Records vehicle GPS location, speed, date, time and G-Force
- Option to add monitor to eliminate blind spots
- Protects against fraudulent personal injury claims
- Helps reduce accidents by improving driver behaviour
- Optional run on recorder timer available.

VDR-SEL DASHBOARD



Multi Camera DVR Systems

These systems are usually more bespoke from client to client dependant on their requirements.

We can offer a full range of systems with multiple cameras dependant on what is required. This includes but is not limited to:

- In vehicle DVR recording
- Live streaming of images via the internet.
- Panic facility
- Anti vandal camera's
- Internal cameras
- Split screens allowing multiple images at once
- Screen splitting customisation
- 4 -8 - 12 -16 channel systems are available.

A key area of accident prevention is in improving driver behaviour with 95% of all road accidents involving some human error and in 76% of road accidents the human is solely to blame*. Many incidents happen due to inattention and distraction as well as failure to observe the Highway Code**. 'Failed to look properly' was the most frequently reported contributory factor reported in 42% of all accidents reported to the police in 2011*.

Our VDR HD system can significantly improve driver behaviour which can reduce the risk of an accident occurring, the severity of the accident and reduce costs by up to 25%.

Additional Data collection

Our VDR HD system records CCTV footage complete with other key data such as time, date, location along with vehicle speed and G-Force data.

The VDR can also record when vehicle inputs including indicators and footbrake are activated showing if a driver indicated and/or braked before an incident.

A monitor can also be added to aid drivers by helping to eliminate vehicle blind spots. The monitor can auto switch camera views on activation of each vehicle input.

Below is a typical view of the dashboard of the recorded data.



Vehicle Blind Spot Protection (Cyclist)

Eliminate vehicle blind spots with side view and help prevent collisions between your vehicles and cyclists.

Large vehicles such as lorries can have significant blind spots which can pose major problems for drivers navigating our major cities. Large vehicles turning left can be a real danger for cyclists and pedestrians.

Side view camera mounted on the n/s just below indicator lamp provide a 180 degree view



In 2013 lorries were responsible for 64.3% of the cyclist fatalities that occurred in London with buses and coaches being responsible for a further 21.4% of fatalities*.

Our side view cameras can help eliminate blind spots and aid drivers by providing a clear view of any cyclists or pedestrians when incorporated with one of our monitors. Camera views can be displayed permanently or activated via the indicators. Additional cameras such as rear cameras activated when the vehicle reverse gear is selected can be added to further assist the driver whilst manoeuvring the vehicle by reducing vehicle blind spots.

With a 180° lens angle the side view camera can view the cyclist whilst they are still visible by the driver in the front of the vehicle, ensuring any cyclists in close proximity of the vehicle are always visible. Additional cameras can be added at the front and rear of the vehicles giving your driver complete visibility.



Side view recorded images

Vehicle cab monitor



System Installation

Any equipment supplied by Fleet Service can usually be fitted on site if retrofitting is required. On complex systems an initial vehicle will be required at our premises to formulate the correct work instruction which is then documented.

Particular attention has to be given to the power required and the management of that power supply on more complex systems. Fleet Service has many years experience of managing and designing the correct power supplies required so as not to affect the reliability of the vehicle. This is paramount during the design stage of any installation.

Warranty & After Sales Support

All products carry a full 12 months standard warranty. This is backed up by our in house field support service "**Fleetcare**" who will attend the vehicle at your premises if required.

Fleet Service has a full after sales team with a dedicated office to ensure vehicle reliability and compliance. We offer dedicated telephone support which has proved invaluable to customers. All support services are provided in conjunction with a pre agreed S.L.A.

Life time fixed term maintenance contracts are available which have the benefit of a 6 monthly service of any product supplied and fitted by Fleet Service. This ensures lifelong reliability and fixed costs

This is backed up by our own team of field based engineers supported by approved, trained sub contractors who cover the whole of the UK.



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