iFleetcam
SMART FLEET SECURITY

Cloud Based Camera
Security for Vehicles

Pointguard

Added Value for your Taxi Business

Security for both drivers and passengers…

Mobile camera surveillance has today become a standard component to guarantee a safe working environment for the driver. Different studies from companies that have installed security systems show that the cameras have had a strong preventive effect on the occurrence of violence and abuse towards the drivers. At the same time security cameras make passengers feel safe, also when taking a cab at late hours.

Since 2001 Pointguard has been a key player and leading distributor of mobile video surveillance systems for the taxi industry in Scandinavia. The iFleetcam system is a professional, mobile security system with live connection to the cloud, designed specifically with reliability, functionality and ease of use in mind. The iFleetcam system supports up to eight camera units, HD resolution, stills and/or video with sound. The hardware is the latest version based on several generations of vehicle cameras and 15 years of R&D and development and is built in an ISO 9000:2008 certified factory.

CLOUD CONNECTED
The iFleetcam is connected to the cloud using a built in 3G modem.

BUILT IN GPS
The built in GPS allows you to track your fleet and photos are geotagged

DRIVER BEHAVIOUR
Using built-in sensors the iFleetcam can also provide driver behaviour analysis

CLEAR NIGHT VISION
Thanks to its IR-diodes the iFleetcam provides good image and video quality also in low-light conditions

3G CONNECTION
Stable and fast connection thanks to dual band 3G coverage

1080P FULL HD
The image and video quality of the iFleetcam is excellent with 1080P Full HD quality

WEB PORTAL
You can manage your fleet, download videos and photos through the secure web portal

REMOTE CHECKUP
The system can be used for remote checkups, so now you don't need to call in the vehicles to do regular checkups

System overview

The heart of the iFleetcam system is the main unit, which takes care of the communication with cloud service. Depending on model, one to eight cameras can be connected, and also gps, panic button and triggers from the car.

www.ifleetcam.com
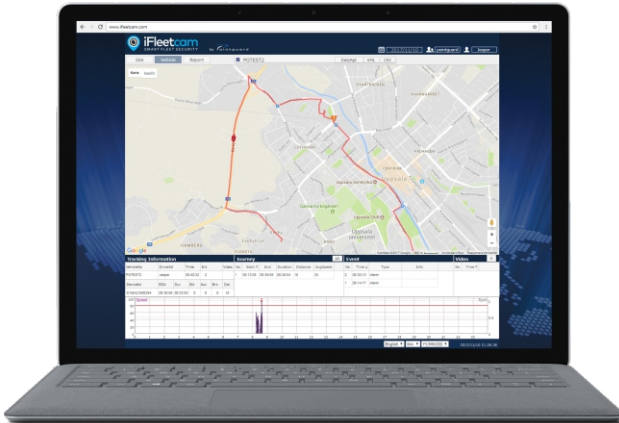
Continuous or event based recording

The iFleetcam supports 1080P Full HD video that can either be recorded continuously or upon events. The built-in 3-axis G-sensor can detect events like firm braking and emergency situations like crashes. Other events can be triggered by the panic button or by triggers from the car, e.g. by the interior light. Image snapshots are uploaded automatically to the cloud service on events and full resolution video can be downloaded on demand.

Sound recording is available using the built-in omni-directional microphone, but is optional. Although video recording is standard, the iFleetcam firmware can be adapted to only support still images if local regulations require so. Video and images are stored securely on the SD card in a propriety format which requires a special, password protected, software to be viewed.

Intuitive PC Software

The iFleetcam comes with an intuitive and easy to use PC software that allows you to search, playback, analyze and save videos. It is easy to install and supports all common Windows platforms (Win 7, 8, 10). With this software you car read the image/video data from the camera and important meta-data is overlaid automatically. You can then export images / movies to standard formats for easy processing by insurance companies or police. If you have more than one camera the software can show all cameras time-synced side by side and can also export video from all cameras as one mp4 file.

Get an overview of your fleet

Onboard the iFleetcam is a high precision GPS module that allows the images to be tagged with geodata. It also gives the system fleet tracking possibilities which not only shows the current position of all vehicles, but also stores historic data of routes and events for later access. The iFleetcam cloud system and PC software are both integrated with Google Maps to make sure that map data is always up to date. Export to Google Earth is also possible with just one click.

Remote Check-ups and configuration

With the iFleetcam system you no longer have to call in your vehicles to do regular check-ups of the surveillance system. The iFleetcam instead allows remote check-ups to ensure that the system is working properly. Scheduled check-ups can be performed by the client itself, or can be bought as a service from Pointguard. The system can also easily be reconfigured over the air.

Not only for internal securitiy

The multi-camera support of the iFleetcam system makes it ideal not only for keeping track of what happens inside the vehicle, but also around it. Several of the camera units are ideal as dash cameras that will provide unbearable proof in case of an accident. The iFleet 4000/8000 also have support for an external monitor, which makes them ideal for use as an extra rearview system.

Stand-alone alternative

Although the iFleetcam primarily is a cloud based system, it can also be used stand-alone. Photos or video are then stored on the built-in SD card. If you only need basic camera security, this is the cheapest way to go, but you loose out on the vehicle tracking possibilities. It also means that the vehicle has to come in if you want to get video / images. To avoid the risk of loosing the video / images in the event of theft the iFleet 4000 and 8000 main units usually are mounted in a hidden place.

Add even more security

As mentioned the videos / images are stored on the SD card in a secure propriety format for security reasons. An extra physical layer of security can be added to your iFleetcam installation by mounting the main unit in a lockable steel housing (available as an optional accessory) that makes accessing the SD card almost impossible without having the right key.

iFleetcam main units and integrated cameras

The iFleetcam range offers 4 main units. The iFleet 1000 and 2000 are cameras with integrated main units, where the iFleet 2000 also supports one extra camera unit. The iFleet 4000 is our most popular unit for the taxi business, due to it's extreme compact size and support for up to four different camera units. The iFleet 8000 is an extremely competent multi camera DVR aimed towards busses and other large vehicles that require large number of cameras. All four main units feature 3G connectivity and GPS and are compatible with the iFleetcam cloud service.

iFleet 1000
Compact 3G dashcam
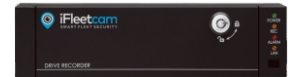Available with night
vision (iFleet 100NV)

iFleet 2000
3G dashcam with support for
one additional camera

iFleet 4000
Compact 3G unit with support
for up to 4 cameras

iFleet 8000
Advanced 3G/LTE multi
camera unit with support
for up to 8 cameras

iFleetcam cameras

Apart from the iFleet 1000 and iFleet 2000 main units with integrated cameras Pointguard offers a number of external cameras that can be used with the iFleet 2000/4000/8000 main units.

iFleetcam 100
Very small 12V camera
100° lens
WDH: 31x33.5x25 mm

iFleetcam 200
Very small indoor camera
5 or 12V, 90° or 145° lens
Optional night vision

iFleetcam 300
Waterproof outdoor camera
12V, 120° lens
Optional night vision
WDH: 63.5x40.5x57.7 mm

iFleetcam 400
Waterproof outdoor camera
5V or 12V, 120° lens
Optional night vision
WDH: 59.2x56x62.1 mm

iFleetcam 500
Waterproof outdoor camera
12-48V, 120° or 145° lens
Optional night vision
WDH: 40.4x44.3x51 mm

iFleetcam 600
Compact indoor camera
5V, 120° lens
Optional night vision¨
WDH: 80.5x50.5x61 mm

iFleetcam 700
Very small outdoor camera
12V, 120° lens
Optional night vision
WDH: 68.5x59.7x42.6 mm

iFleetcam 800
Indoor dome camera
12V, 120° or 145° lens
Optional night vision
Ø80x60mm

Other Products from Pointguard:

iToplights

Toplights

Advertising Signs

School Signs

Driving School Signs

Customized Signs

Security Camera Systems

Airport Pickup Display

Taxi Butler Booking

Pointguard