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E Track

Vehicle Parking Image Tracker
Add-on to any ticket dispensing parking system

Secures your parking areas instantly.

Reduces risk of vehicle theft.

Reduces risk of incorrect damage claims.

Benefit from a completely seamless and automated operation.

Ready for Quick installation in any new or current parking lot.

The current boom barrier- ticket systems dispense tickets which are primarily used for collections. ETrak is an security add-on to the current system. E Trak tags the ticket to the image of the car and driver at entry. This information is compared at exit. Based on this comparison, the operator decides to open the exit gate. Damage to cars, change of drivers and mismatch of tags are detected immediately.

Current Systems in use:

Most of the parking lots have ticketed parking systems in place. Usually, these are unattended at entry and attended by an operator at exit. Payment (usually cash) is usually collected at exit based on time the vehicle was parked for.

E Track works with any parking system:

The current ticketing systems are designed for payment collection. E Track significantly enhances the security. With E Track, the system tags the identity of the driver to the number plate. This is done by capturing images intelligently at entry through single or multiple cameras and tagging them with the ticket number and entry gate id. Designed to work as an add-on over the current ticketing system, it can be rolled out easily to new or existing installations.

Configurable to suit any requirement:

E Trak is completely configurable to suit any number of entry and exit gates of a parking facility. For example, the parking system can be configured for say 6 entry gates and 5 exit gates and so on. The system is compatible with a wide range of cameras from global OEM manufacturers. Setup is simple as most equipment works on POE (power over Ethernet). Reading parking data is configured from most third party parking systems.

Applications:

ETrak is the preferred add-on in malls, office parking areas, sports events and airport parking lots where a ticketed parking system is used for vehicles. Avoiding claims to damages to vehicles, sensing mismatch of tags and vehicle/driver identity are key features that enhance the security of parking lots.

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Map ticket data to car and driver data at entry gate

Camera capture software continuously stores the images from all the cameras of entry gate and attaches to the ticket issued. This repository is intelligently mapped to the parking system entry gates to map parking tickets and images. Multiple images are stored to factor in possible driver movement in the car.

Compare mapped images at exit gate

At the exit gate, the operator scans the ticket with the barcode scanner. Instantly, the ticket retrieves the images captured previously at entry gate. Operator now compares and assures himself that the vehicle and driver that entered with the scanned ticket is same which is going out now.

Investigate when the car or driver changes

Some drivers keep the tickets in the car, a person who has access to the car also has access to the ticket! In another case, a person drives into the parking lot in a car, gets into another car by forcing entry into the vehicle and attempts to drive out with the earlier entry ticket.

In normal parking systems, both of the above scenarios cannot be tracked and stopped. Checking at exit gate for ticket alone is not an assured process to reduce possible theft risks. Additional checks are needed precisely what E track enables.

In E Trak, on scanning the ticket, when the image of the driver at exit gate does not match to the driver image captured at entry gate, the operator asks for additional ID from the driver before opening the exit barrier. If the operator is convinced about the ID (family member or a friend), the exit gate is opened, otherwise security is notified. The ID can is also scanned and kept for future records.

Investigate claims for damages

In some cases, there are claims made by car owners or drivers. These claims are made for damages to cars in parking lots. It is claimed that the car was intact when it entered the parking area and was damaged while it was inside the lot. Comparing images tagged to the ticket easily establishes if the damage was prior to entering the parking lot or has happened in the parking lot. To facilitate this, the E Track system can operate with multiple cameras, capturing both front and rear of the car simultaneously.

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Connection to third party parking systems

E Track is designed as an add-on to third party or OEM parking systems. Import data is done from these Parking systems in real time to read the parking gate, date and time of entry/exit. The entire operation is seamless, requiring no operator intervention.

Powerful administration

A full fledged configuration Manager helps the users to setup and configure the system. Features like Archive & Search allow retrieval of historical data. You can setup the admin utility to automatically Delete old images from the disk, conserving disk space.

To know more visit: www.streme.tv

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