LICENCE PLATE RECOGNITION System

SOFTWARE AND HARDWARE SOLUTIONS FOR **HEALTH** AND **SAFETY AT WORK**

A **complete** Licence Plate Recognition System for car parks and **vehicle access control**

Licence Plate Recognition System for full access control.

For ANPR, Automatic Number Plate Recognition, highly technological and professional devices are required that are able to read and recognize the number plates of cars, motorbikes and other vehicles in circulation, whether they are Italian or foreign.

Zucchetti Axess responds to Access Control needs by using cameras that can provide high quality images that show the number plate of a traveling vehicle inside the picture and that simultaneously extrapolates the number from the image (OCR). The video cameras used to recognize number plates communicated with software on the Ethernet via TCP/IP protocols.

Reliable

Safe

Simple

Control

XAtlas | **Software**

AXESS TMC
ZUCCHETTI GROUP
contact@axesstmc.com
www.axesstmc.com

XAtlas Software

XAtlas receives information from license plate recognition reading cameras and applies the access control authorizations to each of them, thereby unblocking entrances.

You only allow access to the vehicles whose number plates are entered in the XAtlas system.

The information is stored and the data can be exported at any time. Rules can also be configured for the automatic sending of images via email, or interfacing with third-party systems.

Hardware Characteristics:

- **Video Cameras.** Use OCR technology, detect incoming and outgoing direction, guarantee the reading of vehicle number plates in a range of action of 3.5 to 8 meters or up to 25 meters, IP66 protection rate, functional temperature -30°/+55° and consumption: 6W.

- **IR Illuminator.** The cameras detect number plates both day and night.

- **A complete system.** Does not require installation of additional XAtlas software modules and not even specific hardware components such as photocells, loops or other sensors.

- **Online and integrated I/O function.** 2 integrated relays in the camera that can be assigned to an entrance and activated by the FM.

Advantages

Safe
Control vehicle access to your company and its parking areas (opening/closing of barriers).

Reliable
Increase security in the company by keeping access to all areas under control.

Simple
Simplify management of special lists of authorized vehicles (white list) or unauthorized vehicles (black list).

Control
Control the last accesses in the event of fire and theft.

Functionalities

- **Simple to use.** The solution is easy to configure and install; in just a short time, XAtlas is ready to carry out operations depending on the type of authorization associated with the number plate (e.g. Opening the barrier or turning on the traffic light).

- **Complete**. It provides a complete number plate reading and recognition system for access control in car parks, reserved areas, critical infrastructures such as ports and airports, and residential areas.

- **Data export**. It is possible to export data in .csv format and pictures in .jpeg format at any time.

- **Reliable and precise.** It can calculate the number of vehicles with the monitored area, manage the number plates on vehicles used to transport hazardous materials and carry out operations depending on the type of authorization associated with the number plate (e.g. opening entrances and turning on traffic lights).

- **Integrable.** Integrates with highly technological and professional devices.

XAtlas | **Software**