

icar - CAM

The intelligent camera for automatic number plates recognition



iCAR-CAM is an integrated system that enables to capture night and day the vehicles licence plates. It is composed of a digital shots unit, an infrared lighting, a processing unit and different algorithms.

FUNCTIONING PRINCIPLE

The system is able to detect and to identify a vehicle licence plate, on the move as well as stationary.

The shot happens continuously. No triggering is needed.

iCAM-CAM is able to capture a vehicle at 3 m as well as at 30 m, depending on the carried out optical adjustment.

The shot is carried out by a digital camera that has a part of its light spectrum in the infrared ranges.

The system will give the licence plate stamped in the form of a text and of the picture used for the licence plate reading. Those information will be transmitted via Ethernet or serial link.

The system is able to read all the licence plates that contain the characters from A to Z and the numbers from 0 to 9.

CHARACTERISTICS

- Digital camera 640 x 480 or 1024 x 768 (according to the model)
- Vehicle speed from 0 to 250 km/h
- Dimensions : 540 mm x 179,5 mm x 132,5 mm
- Weight : 15 kg
- Supplying 110-220V - 50-60 Hz
- Functioning temperature : -10° C to +45° C
- IP66 protection

STRONG POINTS

- all integrated system
- proven ANPR software
- until 20 pictures/second analyzed
- easy adjustment with the help of the web interface
- functions night and day thanks to its infrared lighting
- debrochable connectors (IP68) for an easy and quick connection
- high definition digital camera
- remote update and synchronization(from a distance) through the network
- digital contacts for the control and triggering

APPLICATIONS

- access control
- average speed
- travel time
- car park securing
- search for stolen vehicles
- interdistanche
- shadow tolling
- road safety
- traffic analysis
- control at the frontiers
- service stations
- statistical data



TAILORMADE SOLUTIONS