

SekuPLATE

- Up to 290km/h license plate recognition
- Night & Day operation in all weather and light conditions
- OCR libraries for up to 27 European States
- Over-IP communications and web-configurable
- Durable, IP66 enclosure



FEATURES

Plate recognition – SekuPLATE has been designed to read vehicle license plates in all weather and light conditions.

Performance – SekuPLATE generates 25 images per second wherein vehicle license plates are detected. Identification is possible for vehicles moving at speeds of up to 400km/h with external trigger or up to 290km/h in free running mode.

Data and Communications – Plates' data and images can be stored locally on internal memory as well as sent to the customer's remote monitoring system or to Eurotech Cloud Computing platform. Available communication protocols include ESTP (Eurotech Security Transmission Protocol), FTP, TCP, RS-232, and data exchange is provided in CSV format.

Installation – Operative temperature ranges from -10°C to 50°C. The system can be pole or wall mounted. External chassis is elegant and robust, making SekuPLATE versatile and reliable. Set up is intuitive and fast: once mounted and connected, SekuPLATE can be made operative by configuring just a few basic parameters.

- Access control in Restricted Traffic Areas
- Access control in public and private parking
- Territory control
- Access control to residential areas
- Toll collection systems

SekuPLATE is a compact, elegant and high-performance IP-based license plate recognition system. Plate detection from incoming vehicles can be accomplished without the use of induction coils or other sources of external input.

Identification for plates from the 27 EU States is available. Based on cutting-edge algorithms, SekuPLATE features a top-level recognition rate, thus ensuring extreme reliability.

An intuitive web GUI makes it easy to configure operating parameters and to manage access and warning lists as well as providing statistical analysis of detections. Plate data and images can be stored locally on internal memory, sent to a remote FTP supervisor or to Eurotech Cloud platform.



Vision System

IMAGE CAPTURE

- OCR Camera: Resolution 1296 x 966 pixels (1,3 Mpixel)
- Frame rate 25 fps - Progressive Scan CCD BW
- Lens type 12mm, 16mm and 25 mm
- Minimum illumination 0.1 lux
- Auto iris
- Automatic shutter and Gain Control
- Auto White Balance

INTEGRATED IR ILLUMINATOR

- Class 1M CEI EN 69825-1 ed. 4
- 1.5W Power Consumption
- Wavelength 850 nm
- Angle 30°
- IR visible distance 15 m

Interfaces

PORTS AND I/O

- 1x 10/100/1000BASE-T Ethernet Port
- 2x relay output / 2x optoisolated input 5-30Vdc
- 1x full RS-232 serial port

CONNECTORS

- 18 pin multipolar Connector (IP67 grade)
- RJ45 connector (IP67 grade)

POWER SUPPLY

- 24-30V DC (via 18 pin multipolar Connector)

POWER CONSUMPTION

- 15W

Storage Capacity

INTERNAL STORAGE

- Standard storage capacity: 20.000 license plates (2GB Storage, 100Kb per plate image with text file included)
- Up to 160.000 license plates (16 GB Storage; 100 KB per plate image with text file included)

Communications

FTP OPTIONS

- Up to 2 configurable addresses in AND or OR mode transmission
- Three attempts transmission retry
- Configurable plate image name
- Configurable directory data name
- Configurable JPEG format image quality
- FTP-accessible on-board data

TCP OPTIONS

- Up to 5 configurable destination addresses

RS232 OPTIONS

- Configurable Transmission data format
- Configurable RS232 parameters

DATA FORMAT

- ESTP (Eurotech Security Transmission Protocol)
- CSV file for data exchange
- Eurotech Cloud Computing platform compatible

Physical Characteristics

Module dimensions: 203 x 125 x 184 mm (8.0"x4.9"x7.2")

Weight: 2.5 Kg

Temperature range: -10°C to +50°C

IP66 Mechanical Protection

Accessories

Wall bracket

Pole mount adapter

18 pin Multipolar Male Connector

RJ45 Male connector

Order Codes

SEPLATE-10-10-00: SekuPLATE B/W CCD, 1330x1000 pixel resolution; 850nm IR Illuminator; free-run up to 290Km/h; 27 country OCR

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