

Ultra-compact license plate recognition camera for mobile applications

Picopak



SYSTEM:

- The license plate recognition is carried out entirely inside the camera
- The camera automatically adjusts its filming and lighting parameters in order to provide an optimal performance regardless of conditions, whether moving or stationary.
- The data collected is transmitted from the camera to the display terminal (tablet, PC, ...) via Wi-Fi or via an IP cable.
- A real-time video or image stream in H264 or JPEG format, as well as additional data (country of origin, reliability rate) is also provided.

APPLICATIONS:

The particularly light and compact nature of the PICOPAK means that it is mainly deployed for the following:

- Monitoring of on-street parking: paying, obstructive or dangerous parking
- Embedded detection of wanted or monitored vehicles
- Prosecution procedures
- Detection of uninsured vehicles
- Detection of vehicle technical inspection status

Easy to transport, configure and use, the PICOPAK is the most compact and the lightest of the SURVISION LPR camera range, while remaining a turn-key product offering optimal performances.

The PICOPAK was designed for mobile LPR applications subject to space restrictions and requiring particular ease of deployment.

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Licence plate recognition

- The reading distance: 2-15m | 7- 49 ft
- Coverage width: Up to 4 meters | 13 ft
- Compatible for all license plate formats
- Speed range covered: From 0 to 250 km/h | 155 mph

Video characteristics

- HD Camera: 1.3 Megapixels
- Image analysis: 60 images/second
- Illumination: IR 850nm
- Compression: H264
- Adjustment possibilities: Bitrate, frequency, dynamic framing

Electronic features

- Communication bus: Ethernet 100Mbit/s TCP-IP, IPV4
- Power supply - Consumption: 12/24VDC -12W (3m cable provided)
- Homologation/Certification: CISPR 25, EMC EN61000, photobiological safety IEC62471, FCC part 15, CE, CB, ECE R10
- MTBF: 70,000 hours minimum
- Wi-Fi 802.11 a/b/g/n

Mechanical features

- External temperature: -40°C to +55°C | -40° to + 131° F
- Casing: aluminum - IP67 - IK07
- Dimensions-Weight : 107 (L) x 98 (D) x 40 (H) mm - 0.600kg | 4.22 (L) x 3.86 (D) x 1.57 (H)' - 1.41 lbs
- Suction cup for attachment to window
- Fixation kit for vehicle roof

Options

- Battery kit for Segway or other electric personal transport two-wheeler
- Segway mounting kit
- Cable for cigarette lighter socket
- White light

INSTALLATIONS



Mobile prosecution procedures



Monitoring of parking



Mobile traffic monitoring



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