High Definition integrated number plate recognition camera

Visipak

Thanks to its high-definition sensor, the VISIPAK provides for vehicle identification in the most restrictive environments. Its Quickset support provides it with ease of installation for very rapid deployment.

The VISIPAK can fulfil your vehicle monitoring needs.

The below table will help you identify which sensor best corresponds to your needs.

Version	Functions
ANPR	Number plate recognition
ANPR-S	Number plate recognition, measurement of speed and inter-distance between vehicles
ANPR-PF	Number plate recognition, Plate Fingerprint

SYSTEM :

This sensor, specially designed for free-flow installations, contains a day/night camera which allows us to obtain images of plates in all weather conditions.

- The capturing of different types of information (number plate recognition, the measurement of instantaneous speed and the calculation of the distance (in seconds or in metres) between two successive vehicles) is carried out entirely in the sensor.
- The sensor automatically adjusts its filming and lighting parameters in order to be able to provide an optimal performance regardless of the conditions.
- An optical zoom allows us to adapt the aiming distance.
- The data gathered and the videos are transmitted by the sensor on any IP network.
- The RTSP communication protocol enables us to connect the sensor to all of the recorders available on the market in order to visualise the images recorded by the camera.

APPLICATIONS :

The images and the data extracted can be used for the following operations:

- Urban and peri-urban traffic monitoring (smart city)
- Motorway installations with significant angles and high speeds
- Traffic monitoring in tunnels and at civil engineering structures

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Visipak

Number plate recognition (VISIPAK ANPR, ANPR-S)

- Recognition distance: Up to 40m | 131.23 ft
- Coverage width: Up to 7m | 23 ft (full HD - 1920 x 1080)
- Compatible for all number plate formats
- Speed range covered: From 0 to 250 km/h | 155 mph

Plate Fingerprint (VISIPAK ANPR-PF)

- Plate analysis using points of interest technology
- Improved matching rate

Overview video characteristics

- Image analysis: 60 images/second
- Lighting: IR 850nm pulsated
- Lens: Motorized zoom 20x - Colour/black & white
- Compression: H264/JPEG
- Communication protocol: RTSP streams

Electronic characteristiques

- Communication bus: Ethernet Gigabit TCP-IP V4-V6, RS232
- Other outputs: All-or-nothing relay, 24V power supply
- Power supply - Consumption: 24VDC - Maximum 60W/Average 40W
- Homologation/Certification: EMC EN 55022, EN 61000, photobiological safety IEC 62 471, environmental TR2130C, IEC 60950 electrical safety

Mechanical characteristics

- Connectors: Waterproof push-pull IP67
- Temperature: -20° to +55°C | -4°/+131°F on "start-up" and -40° à +131°C | -40°/+131°F when "in use"
- Casing: Aluminium IP67 RAL 7048
- Dimensions - Weight: 226 (L) x 148 (l) x 141(h) mm- 4 Kg | 8.90x5.83x5.55'- 9 lbs

Options

- Colour optical head
- White illumination
- Calculation of speed
- Extended temperature -40° to +55°C | -40°/+131°F on "start-up"
- 24V power supply
- Pole mounting adaptor
- Articulated fixation bracket and graduated Quickset with pre-adjustable filming angle
- External projector of high synchronised power (LUMIPAK)

INSTALLATIONS

urbain traffic

motorway traffic

tunnels

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