



Licence plate recognition (NANOPAK ANPR)

- Recognition distance: 2-8m/6-26 ft
- Coverage width: 4 metres/13 ft
- Compatible for all licence plate formats
- Speed range covered: from 0 to 30 km/h 20 mph

Plate Fingerprint (NANOPAK ANPR-PF)

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

Video Features

- HD Camera: 8 Megapixels
- Image analysis: 60 images/second
- Illumination: IR 850nm
- Compression: H264
- Setting adjustments: Bitrate, frequency, zoom

Electronic Features

- Internal memory: Up to 1,000,000 plates on the white list and up to 1,000 logs memorized (JPEG included)
- Communication bus: Ethernet TCP-IP V4-V6, IO out relay
- For the output:

NANOPAK

Easy to install and use, the NANOPAK is the most compact and the lightest of the SURVISION licence plate camera range, while remaining a turnkey product (illumination, filming and integrated processing).

System

- The licence plate recognition takes place entirely inside the camera.
- The camera automatically adjusts its filming and lighting parameters in order to provide an optimal performance regardless of conditions.
- The camera settings can be adjusted remotely.
- The data gathered is transmitted by the camera on the Ethernet network.
- The trigger occurs in an autonomous way through video analysis or through a software application, for example, connected to a ground loop.
- A real time video stream in H264 format as well as additional data (traffic direction, passing speed, reliability rate) is also provided.
- The Plate Fingerprint (PF) function can be associated with this sensor to achieve a higher matching rate.

Different versions

The NANOPAK is available in the following versions:

<i>Essential</i>	ANPR for plates of the country or state of installation	Efficient and cost effective for local applications
<i>Plus</i>	<i>Essential</i> + ANPR of plates for other countries and states available in the firmware	For installation in sites with international traffic
<i>Performance</i>	<i>Plus</i> + Plate Fingerprint	Ensuring the best performance possible in every condition

Applications

The NANOPAK was designed for environments subject to particular space and/or weight restrictions, it is particularly light and compact nature of the NANOPAK means that it is mainly deployed for the following:

- Car-park access control, notably through integration in the barriers or in the NANOPAK TOTEM
- Embedded detection of wanted vehicles
- Embedded prosecution procedures



Maximum switching voltage
250VAC/220VDC maximum power
supply of 2 Amp

- For the input:

Maximum voltage 30V maximum
power supply of 0.5 Amp

• Power supply—Consumption:
24VDC - 12W (Cable 1m supplied)

- Homologation:

EMC EN 55022, photobiological
safety IEC62471, CE, FCC Part 15,
CB, IEC 61 000 - 4

- MTBF:

56,000 hours minimum

• Autonomous trigger via video or
external software trigger

Mechanical Features

- Connectors:

RJ45 + Molex Mini Fit Jr

- Temperature:

-20° - +55°C/-4° to +131°F when in
use

- Casing:

Grey Aluminium

- Dimensions - Weight:

67 (L) x 78 (W) x 116(H) mm - 450
g/2.99 (L) x 3.07 (W) x 4.57(H)' - 1
lbs

Options

- Barrier column integration system/NANOPAK
TOTEM
- Colour optical head
- White light illumination
- Cable for all-or-nothing relay
- Suction cup on glass

