

## Nedap ANPR Lumo Number Plate Camera for Vehicle Access Control

### Product Description

The ANPR Lumo is an all-in-one number plate camera, including embedded software, analyser and IR illuminator. With a read range of 2 to 10 metres, the advanced camera ensures efficient recognition of vehicles. Deep learning algorithms makes it possible to accurately capture numbers under harsh conditions and read plates with different font formats.

Typical applications include vehicle access control, automatic toll collection, free flow applications at parking facilities or other situations where it is not desirable to issue RFID tags. If vehicles need to be granted access temporarily or incidentally, the ANPR Lumo is the perfect solution.

The ANPR Lumo covers a comprehensive list of countries around the world, supporting many types of IR-reflective number plates.

#### Stand-alone Solution

The ANPR Lumo offers built-in vehicle access control features. The option to configure time-based access control lists in the web based software enables the camera to be used as a stand-alone solution.

#### User-friendly configuration

The web-based software enables easy configuration of the ANPR Lumo. It supports the configuration of output messages as RS485, Wiegand or Ethernet. In addition, digital input/output, operating region, network settings, etc. can be defined.

#### Easy installation

A mounting bracket is included as standard with the ANPR Lumo to ensure easy installation.

### Features

- ▶ All-in-one license plate camera
- ▶ Barrier-controlled and free-flow applications
- ▶ Captures number plates from 2 - 10 metres
- ▶ Object speeds (freerun) up to 130 km/h
- ▶ Easy user configuration
- ▶ Libraries from countries worldwide available
- ▶ Power over Ethernet (PoE)
- ▶ Built-in Wiegand modes

### Specifications

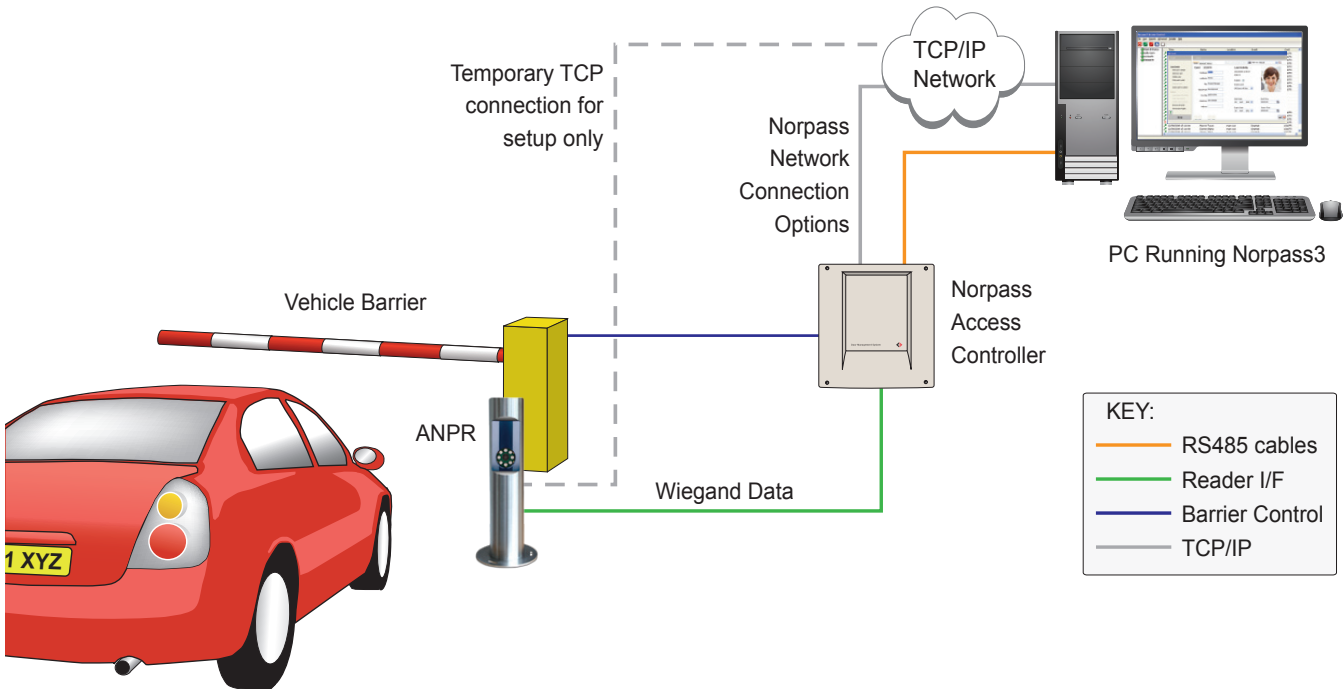
Dimensions:	221 x 131 x 126 mm (8.7 x 5.2 x 5 in)
Colour:	RAL9006 chassis and RAL5011 cover
Weight:	2.5 kg
Protection class:	IP65 (approx. NEMA4x)
Material:	Cover HIBS, Housing Die-casting Silafont 3
Operating temp.:	-20 ... +55°C (-4... +131°F)
Storage temp.:	-30... +55°C (-22... +131°F)
Relative humidity:	10% ... 93% relative humidity, non-condensing



Power supply:	24 VDC +10% linear supply recommended or POE
Power consumption:	8W
Read range:	Distance: 2 to 10 metres, Width: Up to 3.5 metres
Object speed:	Free run: Up to 130 km/h Triggered: Up to 250 km/h
Number plate types:	Infrared-reflective number plates
Camera optics:	12 mm
Image sensing:	1/1.8" CMOS sensor, 1280 x 1024 pixel, SXGA
Camera illuminator:	IR850 nm
Communication:	RS485 - 1 line half duplex selectable baud rate, cable distance 1200 metres Ethernet - 10/100 Mbps, TCP, UDP, FTP, HTTP, DHCP Wiegand - 26 BIT sha1, Wiegand 64, custom Wiegand format
Relay output:	2 relay outputs
Input:	2 digital inputs (opto-isolated)
Output:	Read results from number plates and/or images taken by the camera
Cable spec:	Network (CAT5E) Power + IO: (LiCY) 8 x 2 x 0.14 mm2
Cable length:	Network: 5 metres Power + I/O: 5 metres
Data message cust:	RESTful interface (API) and string syntax fully configurable for integration with access control systems and third party software
Storage:	10 GB
Standards:	CE and UL
Accessories:	Pole/wall mounting kit included

## Nedap ANPR Lumo Number Plate Camera for Vehicle Access Control

### Connection Details



ANPR Power adapter  
(7657870)

Stainless Steel  
Bollard Mounting  
(SSP-ANPR)



Dual-Height  
Stainless Steel  
Bollard Mounting  
(SSDP-ANPR)



### Ordering Information

<b>9986138</b>	ANPR Lumo Licence Plate Reader
<b>7657870</b>	ANPR Power adapter (24VDC 1A, 100-240VAC)
<b>SSP-ANPR</b>	Stainless steel bollard housing for ANPR
<b>SSDP-ANPR</b>	Stainless Steel dual-height Post for ANPR and traffic signal (Bollard)