NC5310

Automated Number Plate Reader
all-in-one ANPR solution

NeuriCam's NC5310 embedded Automated Number Plate Reader is a triggerless and self-contained device based on vision technology. It captures images through an internal high-sensitivity vision sensor, automatically extracts the numberplate and recognizes it in real time.

An LED-based infrared (invisible light) illuminator enables operation in all lighting conditions (night and day).

The ANPR unit is a data server connected to a client computer (PC or other), placed locally or remotely both for the initial set up and to collect the data from the ALPR unit. Communications are carried over wired Ethernet 10/100 and wireless (WiFi) interfaces.

The ANPR unit manages the parking database and its violations. The User and the Administrator can connect the system via web browser for exchanging all information.

LOW SPEED CAR APPLICATIONS

- *Parking (security & access control)*
  - Parking lots
  - Condominiums and private homes
  - Hotels and campsites
- *Low approaching speed National borders (< 50 Km/h)*

OUR PREFERRED CUSTOMERS

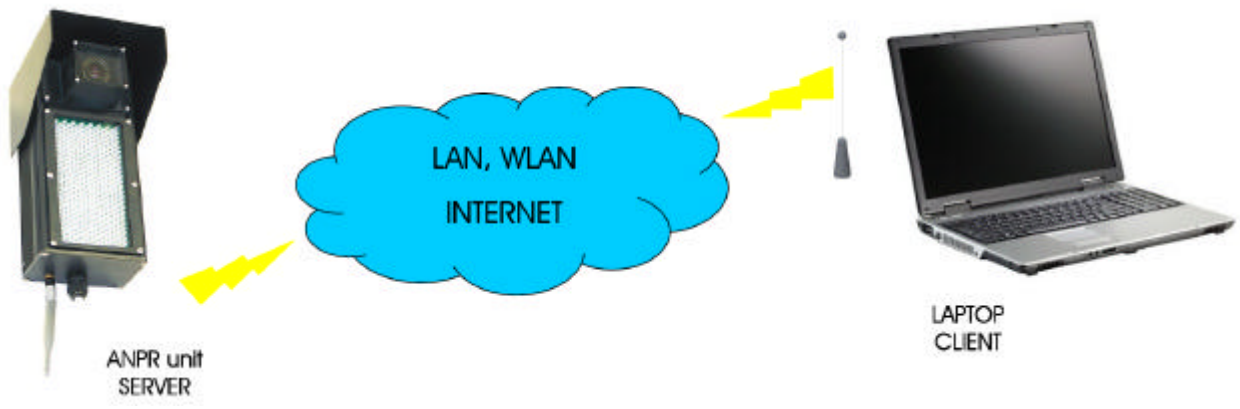
- *OEM partners*
  integrate our solution in their complete system
- *System integrators*
  install our solution as-it-is and only develop a client application on a central PC

MAIN FEATURES

- Complete single-box system
- Compact & self-contained
- Long detection distance
- Weather resistance for outdoor use
- Night & day operation
- Freezes high-speed vehicles
- Captures images in motion
- Wireless operation, no connection cables needed
- Trigger-less continuous operation
- Designed for parking application
- International or regional (I, D, F, GB, NL, E) number plates

CHARATERISTICS

- Highly adaptable through a selection of options
  - Wireless (WiFi and/or GPRS)
  - 16, 25, 35, 50 mm lenses
  - Regional or international numberplates
- Reading accuracy > 97% on plates within training test
- Reading recognition rate: 10 readings/second
- Reading distance: 8 - 20 m
- Night & Day operation with built-in infrared LED $ (= 850nm)
- Maximum vertical elevation angle: 20 degrees
- Maximum horizontal deviation angle: 20 degrees
- Size: 145 x 265 x 175 mm (width x height x depth)
- Weight: 4 Kg
- Enclosure: Splash-proof and dust-proof IP65-compliant extruded aluminium, black with transparent polycarbonate windows for illumination and lens
- Mounting: via optional mounting brackets (post, vertical wall or ceiling)
- Operating temperature: -25, + 55° C
- Operating Humidity: 10-90% (non condensing)
- Input voltage: 24 V DC, 30 W max
- Interfaces:
  - 10/100 Mbps Ethernet interface
  - Wireless WiFi 802.11g 54 Mbps interface
  - 2 optocoupled digital input lines. Max $I_{LED} = 20 mA$
  - 2 optocoupled digital output lines, open-collector NPN transistor. Max $I_C = 10 mA$ and max $V_{CE} = 48V$



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