Paxton

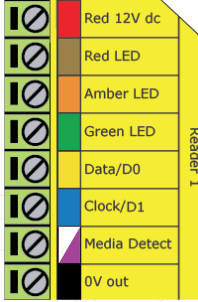# Connecting a Nedap Lumo ANPR camera to Net2

Overview

The Nedap Lumo is an all-in-one license plate camera, including embedded software, analyzer and IR illuminator. With a range of action of 2 to 8 meters, the advanced camera ensures a smooth recognition of vehicles.

The ANPR reader has two 5m data cables. One connects to the reader terminal of the Net2 plus and the other has an RJ45 connector which may be used to connect the camera to a PC LAN port to view the camera output and other settings. The camera needs to be configured to use the Wiegand output. A PC connection with the camera is not required during normal use.

The camera has a built in Wiegand interface to connect it to a Net2 plus doorcontroller. The Nedap Lumo needs to be connected through Wiegand to the ACU using the wiring diagram below.

Cable Pinout	ACU terminal
-	+12V
-	Red LED
-	Amber LED
-	Green LED
White	Wiegand D0
Brown	Wiegand D1
-	NOT USED
Purple	0V

Ensure any unused wires are safely terminated.

The camera needs to be powered by a separate 24V DC power supply or Power over Ethernet (PoE 802.3af). It cannot be connected to the reader output terminals of the Net2 controller due to its high power consumption.

The ANPR integration in Net2 currently utilizes ASCII with a limitation of 11 characters. Some regions such as the US, Germany, & Benelux utilize special characters such as dashes & umlauts that are not currently supported.
In the ANPR camera please disable to option UTF8 Encode to make sure the data is send in the ASCII format.

In Net2 you need to set the following settings on the doorcontroller:

The reader type in Net2 should be set to: ANPR 26 bit Wiegand reader.
The token data format in Net2 should be set to : ANPR 26 bit Wiegand.

For correct placement and installation of the Nedap Lumo ANPR please follow the Nedap installation guide.

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