



Azienda con Sistema di Gestione
per la Qualità Certificato da
DNV UNI EN ISO 9001: 2008

SPEED DISPLAY 300mm



GENERAL CHARACTERISTICS

The unit is composed by a 7 segment 2 digits display realized with full colour RGB led, that using a radar detector is able to:

- Display vehicle speed
- Change display in function of detected value

OPERATING MODE

The unit can operate in the following modes:

- Detect speed of vehicles travelling on the roadway compare it with three selectable threshold values
- Display speed in the following different colours according to the pertaining range:
 - GREEN: 1st range ($> \min_{(1)} < 1\text{st threshold}$)
 - ORANGE: 2nd range ($> 1\text{st threshold} < 2\text{nd threshold}$)
 - RED: 3rd range ($> 2\text{nd threshold} < 3\text{rd threshold}$)
 - OFF: 4th range ($> 3\text{rd threshold}$)

CONFIGURATION

The unit can be programmed via RSR232 serial port and PC, using a standard terminal emulator software.

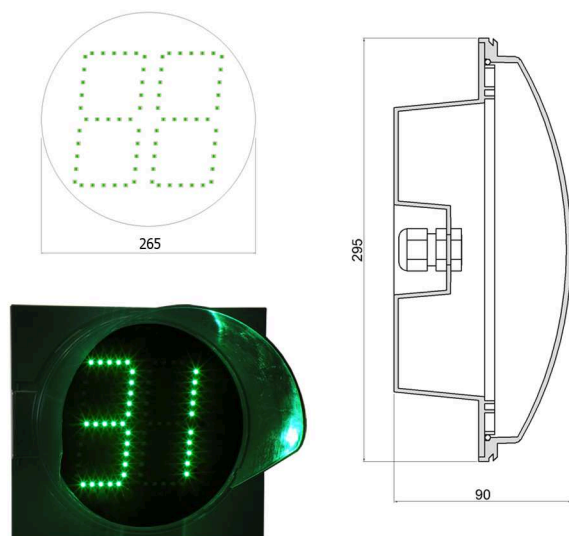
Set-up is simply made by inserting the three threshold values according to the following modality:

COMMAND	DESCRIPTION
ESC	Reset and communication re-start (to be used after a wrong command)
X	It shows all values currently stored in memory
A = nn	1st speed threshold set-up
B = nn	2nd speed threshold set-up
C = nn	3rd speed threshold set-up

- All commands must be inserted with capital letters
- "nn" corresponds to speed value expressed in Km/h

⁽¹⁾ Minimum threshold detectable by radar





DISPLAY

- **Dimensions:** 300mm
- **Led quantity:** 70 + 70 RGB
- **Character dimensions:** 90 x 190mm
- **Colour:** R:620 G:525 A:575 nm
- **Luminous intensity:** R:800 G:1600 A:2400 cd/m2
- **Operating temperature:** - 40°C to + 80°C
- **Consumption:** >3W < 11W
- **Voltage:** 100 Vca to 260 Vca 50Hz

TRAFFIC SIGNAL HOUSING SPP1 300mm

- **Protection degree:** IP55
- **Material:** Polycarbonate UV resistant
- **Door:** Rapid clutch spring-lock handle
- **Visor:** Rapid clutch
- **Color:** Ad innesto rapido
Green/Black/Yellow

ELECTRICAL CONNECTIONS

- **POWER SUPPLY:** The unit must be powered at 230 Vac by means of two wires:

Brown:	Phase
Blue:	Neutral

- **COMMUNICATION:** The unit has two RS232 serial ports:

PORT 1 RADAR CONNECTION

Violet:	TX
Grey:	RX
Black:	Earth

PORT 2 CONFIGURATION

Red:	TX
White:	RX
Black:	Earth

SEMAFORI CONTROLLI AUTOMAZIONE ELETTRONICA

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