

## Speed displays

### Measures and displays speed

#### Applications

- Digital speed display
- Large LED display
- Records traffic data
- Statistical evaluation

#### Device description

The Tempodisplay is a speed display with integrated radar sensor.

The speeds of oncoming vehicles are immediately displayed on the large LED display if they exceed the set speed limit. The range of the radar is approximately 150 m for cars.

No dazzling at night thanks to the integrated automatic brightness adaptation to the surrounding light.

Data concerning 270 000 vehicles can be saved, all vehicle data is saved with date, time and speed for later graphical evaluation on the PC.

Software Tempodis View is available for evaluation purposes.

The powder coated aluminium casing is completely weather proof and very stable. The front panel made of Makrolon(R) is impact resistant.

The specially designed pole bracket and lockable casing protect the device against theft..

#### Special features / characteristics

- Large LED display elements
- Easy to read from 150 m
- Automatic brightness control to adapt to surrounding light.
- Operational up to 7 days (per battery set)
- Saves vehicle data, time, date and speed
- Data is saved for more than 270 000 vehicles
- One man assembly
- Special designs with multiple LED texts upon request

#### Operational area

- In front of Kindergartens, schools
- At the entrance to towns
- In traffic calmed zones
- On company car parks
- For speed checks
- In pit lanes
- At borders

#### Accessories

We have a number of different devices and software available from our product range for the display, saving and further processing of all the data.



TEMPODIS 280

## Technical data

Product	Tempodis 280
Applications	Statistical traffic observation
Display	Height : 280 mm – 2 ½ LED
Range	Up to 150 m for cars
Measurement range	3,1 mph - 156 mph
Tolerance	+/- 1 mph v < 65 mph, +/- 2 % v > 65 mph
Storage capacity	270 000 vehicles can be saved
Choice of direction	Yes
Adjustment angle	parallel to direction of travel
Interface	RS232
Signal output	data
Can be fitted with bus	yes
Settings	all settings are made in the device itself and saved
Operating elements	Menu guided LC display on inside
Automatic mode	yes
Function	Doppler-Radar
Aerial type	Horn- aerial (circular)
Beam width	horizontal 8°, vertical 12°
Transmission frequency	24,125 GHz
Transmission power	5 mW (20dBm)
Operating voltage	10 - 15 Volt DC
Power consumption	180 mA - 2 A* (*peak at blink interval)
Operating period	7 days using rechargeable batteries
Dimensions	860 x 580 x 150 (W x H x D) in mm
Casing type	Aluminium / front panel Makrolon, powder coated, light grey
Casing protection	IP 54
Working temperatue range	-20°C to +60°C
Weight	18 kg (without rechargeable batteries)
Attachment	Fixed to a pole
Accessories / Replacement parts	Rechargeable batteries, charger, pole attachment
Accessories (optional)	Tripod, software Tempodis View, solar panel, Transport case

This device has been approved for use in Europe, it does not need to be registered and no fees are due International acceptance certificate by OIML has been enclosed with the operating instructions.