



INFORMATION RADAR

- Detection of the passing vehicle speed
- Direct communication with driver
- Warning flashing orange light
- Variability of speed limit setting
- Vehicle passage statistics

General Description

Radar speed information sign is an active element of road traffic with a preventive function. Its task is to positively influence behaviour of a driver through direct communication and draw his attention to a possible offence primarily in areas of frequent collisions with a pedestrian or in sections of frequent traffic accidents.

Basic Technical Description

The system is based on combination of the microwave radar with the information display. It is fitted by pas-



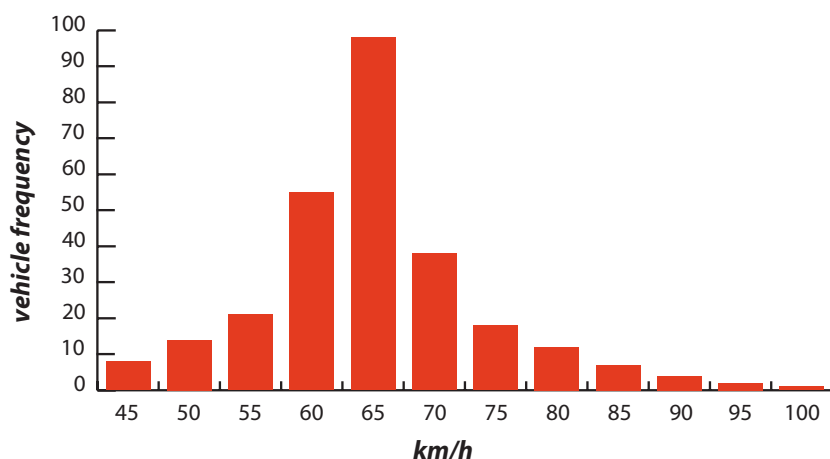
sive electromagnetic dots with LED diode backlight or by LCD display or by highly luminous LED diodes. To avoid unpleasant and for a driver dangerous glares from reflectors or a sun, the front is treated by an antireflection coating

The limit for warning light can be set during installation with interval between 10 and 199 km/h with 1 km/h

step. System is setup to display information exactly during the vehicle passage. Radar speed information sign operates 24 hours daily. The information sign can also be equipped by the warning orange light activated during detection of vehicle speeding.

Other function by which the radar speed information sign can be upgraded is a display showing the speeding vehicle licence plate. This has a psychological effect on driver's awareness that he is the one who is speeding.

The system can be used also as a source of traffic/statistical data. The communication module pro-



Output statistic data measuring



vides coupling of the system with current PC or a notebook and export of data into Microsoft Excel format. With high percentage of speeding occurrence an additional system

forcing a driver to reduce the speed can be applied. For instance systems for measuring section speed (see MUR-07).

The radar speed information sign can be attached to any pole or console (e.g. public lighting pole).

Basic Technical Parameters

Cover degree	IP 65
Symbol readability	approx. 100 m
Radar sensor	range approx. 100 m
Displayed speed range	10 km/h to 199 km/h
Power supply	12 V
Operation time	approx 5 days from 12 V/12 Ah accumulator



Radar speed information sign – Hořovice