

RadarClass VCC



Measures speed, classifies and records vehicle data.

The RadarClass VCC is a radar detection system designed to record the speed of all vehicle types. The unit stores the date, time, speed, class and direction of each vehicle passing through the field of detection.

Measurements for approximately 270,000 vehicles can be stored and downloaded via an RS232 connection to a PC, laptop, GSM Modem or PDA (end 2006) for evaluation.

The RadarClass is fixed above or to the side of the lanes in which the data is to be collected. When the unit is fixed at an angle of 27° to the traffic flow the speed is accurate to 2km/h under 100km/h and 2% above 100km/h.



The RadarClass is normally housed in inconspicuous steel housing with an anti vandal radar screen. A simple angled alignment tool can aid the installation and alignment.

Technical Data

Radar Transmission Frequency	24.125 GHz
Radar Transmitting Power	< 5mW
Operating Voltage	10.5 to 30VDC
Power Consumption	approx. 1W
Serial Interface	RS232 or RS485
Baud Rates	9,600Bd 19,200Bd 28,800Bd 38,400Bd 56,600Bd 115,200Bd 230,400Bd 460,800Bd
Speed Measuring Range	10 to 250kph
Range	Up to 10mt vertically to the middle of the lane
Direction Recognition	In, Out and Both
Accuracy	2km/h under 100km/h 2% above 100km/h
Vehicle Groups	User definable
Operating Temperature Range	-20° to +70°C
Memory Capacity	2MB Memory stick provides storage capacity of up to 270,000 vehicle records