



Dimensions: 12,5 x 8,0 x 5,7 cm (H x W x D)

viafalconTRACK

The viafalcon TRACK is based on our viafalcon SOLAR radar detector. Additionally to its RS232 interface for speed data output and 3 relays for controlling LED signs, the viafalcon TRACK has a circuit board for data storage with real-time clock and 4MB flash memory. With a second RS232 interface on the circuit board for data storage, the data can be quickly uploaded in a secured transmission protocol. The viafalcon Track stores the collected data exact to the minute. The storage capacity equates to approximately 1.8 million single measurements of storage to the minute.

Applications:

- Devices where additionally to measuring vehicle speed, a data storage with time information is needed
- Speed displays
- Speed activated variable message signs
- Intelligent warning signs



Ball joint fixture:
For the fixation of the detector at various posts.



Fork mounting:
For the fixation of the viafalcon TRACK.

Technical specification:

Technical specification:	viaFALCON TRACK
Sensor type	CW stereo-Doppler radar, planar module
Type of detection	Movement
Detected direction	uni- or bidirectional
Antenna	12° x 17° Patchantenna
Transmit frequency & power	24.165 GHz / 100mW (EIRP)
Detection distance range (cars)	250 m
Detected speed range	5 - 255 km/h
Power supply (nom, min, max)	12V / 5.4V - 30V DC
Current consumption @ 12V DC	20 mA
Signal outputs	3 relays, 3 LED
Data outputs	Yes, detector and data storage board
Interface (Standard)	detector: RS 232 / data storage board: RS 232
Interface (Optional)	-
Data protocol, format	ASCII, 8N1
Data transmission rate	detector: 9600 Baud, data storage board: 115200 Baud
Operation temperature range	-40° - +70° Celsius
Housing (H x W x D)	125 x 80 x 57 mm
Housing protection class	IP 66
Other features	Measurement cycle 200 ms - 2,5 s adj. / data storage with real time clock / Battery discharge protection for 6V, 12V and 24V
Options	-