

“YOUR SAFETY IS OUR PRIORITY”

VIASITE 32 AMBER SPEED DISPLAY

VIATRONICS

YOUR
SPEED



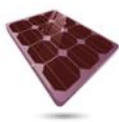
ViaSite 32 Amber was designed with only one question in mind:

“If speed displays can be hardly noticed, what’s the point?”

Our engineers came up with following solutions to make a point:

- 20 % larger Digits
- Super bright 8000 mcd LED:s are two times brighter than found in conventional displays
- Antireflective™ Front Class increases visibility by minimizing glare and reflections
- Automatic brightness adjustment tunes LED-brightness based on lighting conditions
- Optional Cloud based Data Logging with WiFi-USB interface
- Optional Automatic GPRS/GSM data transfer to Cloud

We didn't leave it just there, so please turn the page and read more...





ALUMINIUM

Enclosure is made from strong but yet lightweight Aluminum. Powder coated and baked paint surface provides a hard scratch and weather resistant surface for permanent outdoor mounting or even for portable use.

VIACONTROL FOR EASY SETUP

Straight forward & easy setup of the system is made possible by using only five control switches.

Display can set up to flash digits when a pre-set speed limit is exceeded. Minimum & maximum speed settings filters out pedestrians and cyclists and extreme speed violations. **All settings can be manually changed and adjusted on location!**

"SLOW DOWN" LED TEXT

The display can be also equipped with an optional blinking "SLOW DOWN" LED-text in any language. Text lights up if pre-set speed limit is exceeded. "Slow down" text can be placed either above or below speed digits.

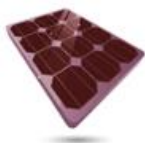
YOUR SPEED TEXT PLATE

The display is equipped with a yellow "YOUR SPEED" text plate. Different language options are available for texts.



BATTERY

System can also be equipped with an optional 20 Ah rechargeable battery pack for "Street Light" power or solar panels.



SOLAR PANEL

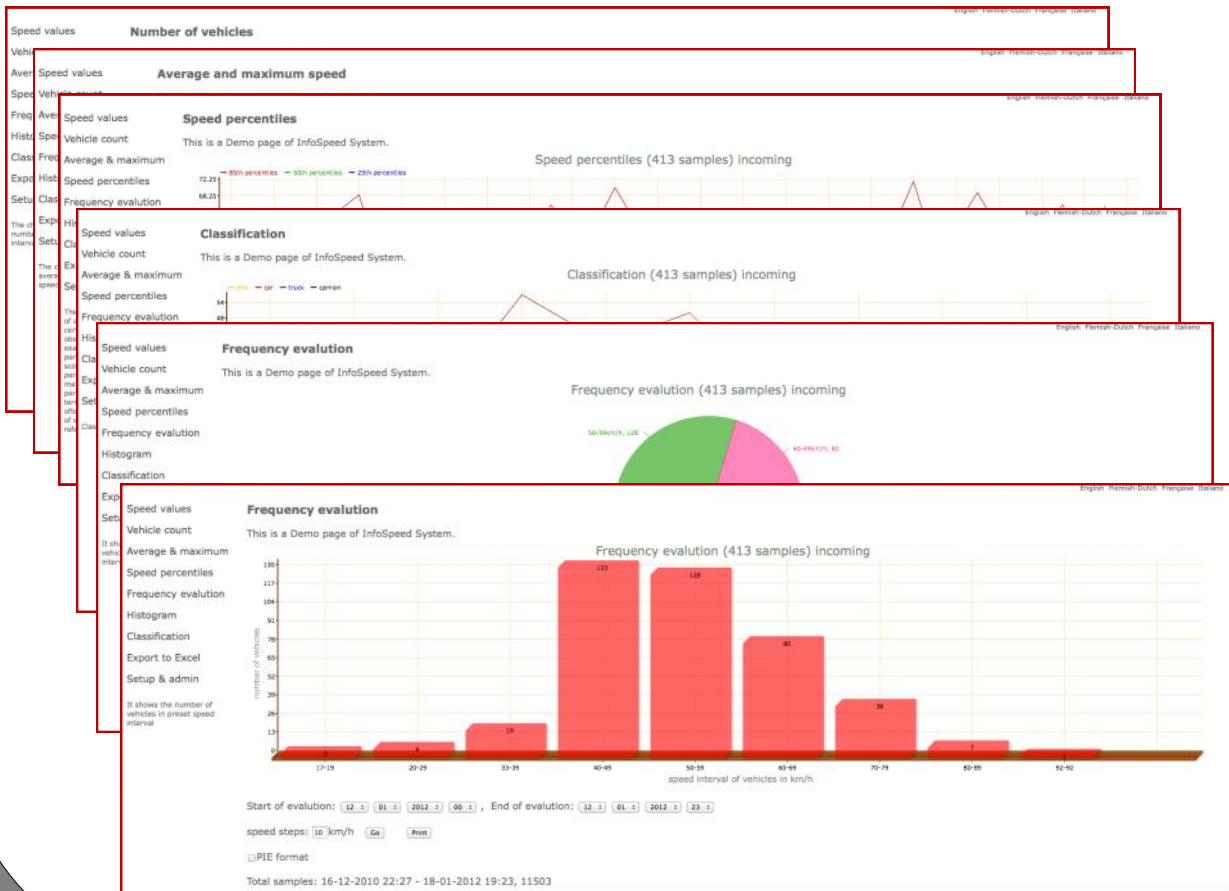
System can also be equipped with an optional 40-80W solar panel system for off the grid operations.





OPTIONAL TRAFFIC DATA COLLECTION WITH CLOUD BASED ANALYZE SOFTWARE & SERVICE

Data logger enables system to collect millions of speed samples with speed, date & time information. Cloud based analysing software includes multi language interface with comprehensive analysis & reporting tools. Optional GPRS/GSM Module allows an automatic data transfer to cloud service with preferred time intervals.



USB—Wi-Fi DATA TRANSFER

Collected speed data can be retrieved easily over USB connection or wirelessly by using Wi-Fi connection.



GSM/GPRS DATA

OPTIONAL GSM/GPRS –module enables an Automatic data update of gathered speed data over GPRS –data connection to cloud based service.



GENERAL SPESIFICATIONS	
Environmental:	-30°C to +70°C (-22 °F to 158 °F)
Units of Measure:	MPH or KPH
Target Speed Limits:	User selectable (5,20,25,30,40,50,60,70 and 80)
Speed resolution:	+/- 1 MPH or KPH
Speed accuracy:	+/- 1.5 KPH
Adjustable Speed Range:	Down to 1 KPH (1 MPH)
Range:	Standard sensor: up to 50-70m Long range sensor: up to 150-170m (option)
Signal processing:	Digital
Directionality:	Tracks only approaching targets.
WEIGHT & DIMENSIONS	
Housing / Front Plate:	Painted black aluminium
Size:	Enclosure H 450 mm x L 500 mm X W 120 mm Front Plate: H 800 mm x L 550 mm x W 2 mm
Weight:	10 Kg
Front class:	Shatter resistant 4 mm thick Makrolon Cover,
IP-Classification	IP56 / Conforms to NEMA 4R level design, non-sealed & ventilated
POWER	
Supply Voltage:	110-240 V
Supply Voltage Solar Panel (Option):	12-16 V / 40-80W
Nominal power / Battery (Option):	12 V / 18 - 20Ah
Power consumption	0,05 A (0,6 W) Min / 0, 3 A (4 W) Max
RADAR SPESIFICATIONS	
Frequency:	Operating Frequency: 24.125 GHz, +/- 50 MHz (K-Band) Directional Doppler Radar
Speed Detection Range:	0 - 199 KPH
Beam width & height:	Standard Sensor: 30° by 40° (+/- 2°) Long Range Sensor: 12° by 20° (+/- 2°)
LED BOARD	
Number of digits	Two (2)
Digit height	32 cm
Type:	7 segment—2 LED rows
LED-quantity:	200 PCS
Angle and brightness:	30° / 8000 mcd with automatic brightness adjustment
Options:	LED-texts "SLOW DOWN" , "KM/H", etc.
USER CHANGEABLE SETTINGS	
	Speed limit (when exceeded module will flash speed digits few times) Violation speed flash rate 400 or 1200 milliseconds Minimum & Maximum speeds shown by display Date and time
DATA COLLECTION (OPTION)	
Data collection:	100 of millions speed samples with dates and times.
Accuracy:	Speed is stored in full kilometres or miles per hour
Data transfer	USB—WIFI
Directionality	Single direction
Options:	Data transfer over GPRS-data with automatic date & time update

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