

"YOUR SAFETY IS OUR PRIORITY"

## VIASITE 32 INFO SPEED DISPLAY

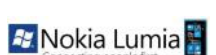
VIATRONICS



ViaSite 32 Combines Uncompromised visibility with State Of The Art Data Collection, Transfer & reporting and Cloud based service.

- 20 % larger Digits Bi-Color Digits (Green-Red)
- Super bright LED:s are 2X 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 Data Logging with WiFi-USB interface
  - Web-based Cloud service for Analyze & Reporting
  - Data Collection & Analysis with Smart Phones and Tablets
- Optional Automatic GPRS/GSM data transfer to Cloud

And this is not all, 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

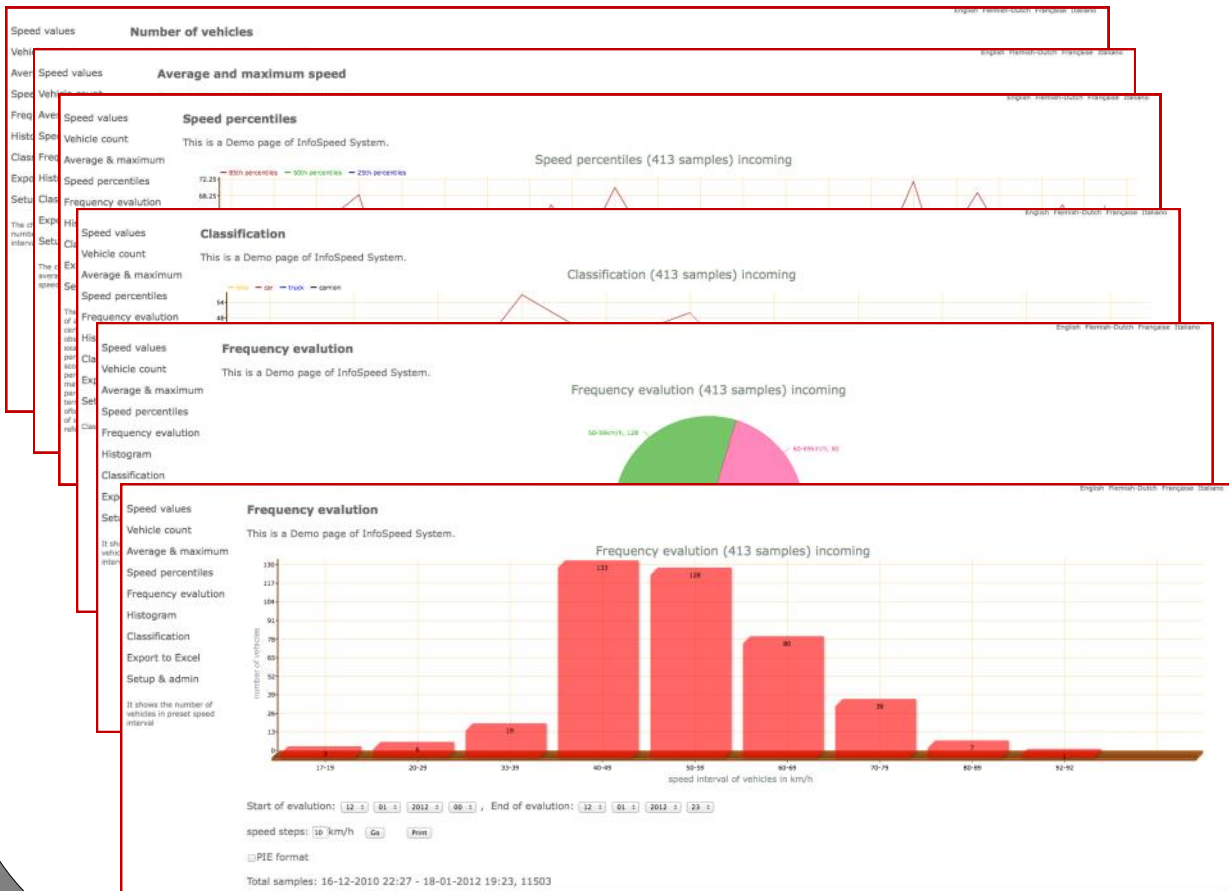
System can also be equipped with an optional 40-80W solar panel system for off the grid operations.





## OPTIONAL TRAFFIC DATA COLLECTION WITH CLOUD BASED ANALYZE SOFTWARE & SERVICE

Data logger collects millions of speed samples with speed, date & time information. Cloud based analysing software includes multi language web-interface with comprehensive analysis & reporting tools. Data transfer & analysis can be done with mobile devices like smart phones or tables.



### 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 real time data access & reporting. Speed data is updated automatically to cloud based service according pre-set schedule.



<b>GENERAL SPESIFICATIONS</b>	
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 KPH or MPH
Speed accuracy:	+/- 1 KPH or MPH
Adjustable Speed Range:	Down to 1 KPH (1 MPH)
Range:	Standard sensor: up to 50-70 m Mid range sensor: up to 150-170 m (option) Long range sensor: up to 400 m (option)
Signal processing:	Digital
Directionality:	Tracks only approaching targets.
<b>WEIGHT &amp; DIMENSIONS</b>	
Housing / Front Plate:	Painted black aluminium
Size:	Enclosure H 750 mm x L 650 mm X W 80 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
<b>POWER</b>	
Supply Voltage:	110-240 V
Supply Voltage Solar Panel (Option):	12-16 V / 40-80W
Nominal power / Battery (Option):	Up to two 12 V / 18 - 20Ah batteries (Weight 5kg / battery)
Power consumption	0,05 A (0,6 W) Min / 0,3 A (4 W) Max
<b>RADAR SPESIFICATIONS</b>	
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°)
<b>LED BOARD</b>	
Number of digits	Two and a half (2.5)
Digit height	32 cm
Type:	7 segment—2 LED rows
LED-quantity:	200 PCS per Colour
Angle and brightness:	30° / Red = 8000 mcd / Green = 15 000 mcd
Options:	LED-texts "SLOW DOWN" , "KM/H", etc.
<b>USER CHANGEABLE SETTINGS</b>	
	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
<b>DATA COLLECTION (OPTION)</b>	
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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