

# VIASITE 32 AMBER CCTV

"YOUR SAFETY IS OUR PRIORITY"



VIA TRONICS



ViaSite 32 Amber CCTV Speed Display was designed with only one question in mind: "

If speed displays can be hardly noticed, what's the Point?"

After solving this problem with the following features. . .

- Bright 8000 mcd LEDs are brighter compared to conventional displays.
- 2-line LED-segments with amber -color LEDs.
- Antireflective™ Front Glass increases visibility by minimizing glare and reflections.
- Automatic brightness adjustment tunes LED-brightness to fit different lighting conditions

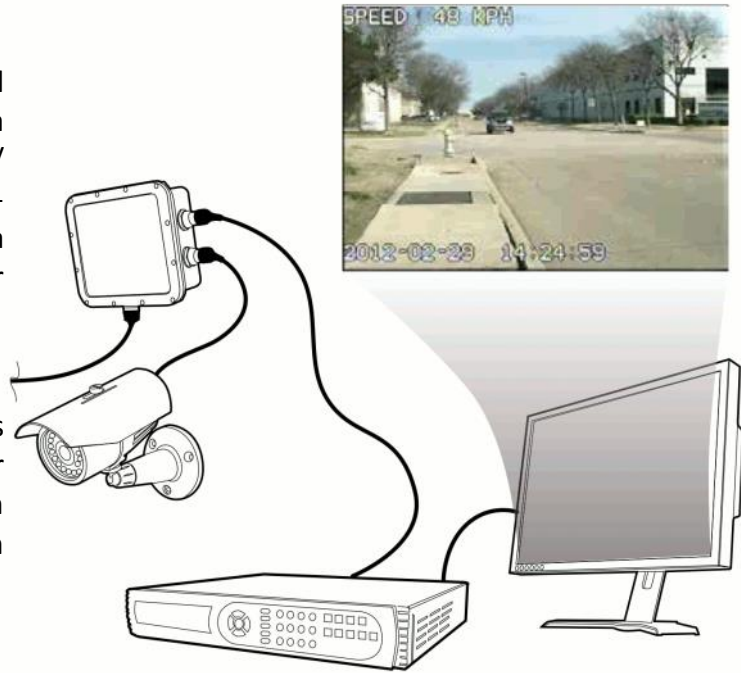
... Our engineers went back to the drawing board.

They decided to add one more feature for those who noticed the display, but couldn't care the less. They added CCTV-interface which allows video recording with speed, date & time information as an evidence !

## CCTV INTERFACE

**ViaSite™ 32 Amber CCTV** Radar Speed display is a two digit speed display with a built-in CCTV interface. It adds a speed/date/time stamp on existing CCTV systems. **ViaSite™ 32 Amber CCTV** creates a Monochrome on-screen display on either standard NTSC or PAL video streams.

**ViaSite™ 32 Amber CCTV**-connection is made by using two BNC-jacks, one for input and one for output. The connection can be made with a common 75 ohm coaxial cable.



## ALUMINIUM

Enclosure is made from strong but yet light-weight 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 these settings can be manually changed and adjusted on location!**

## 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**

Data collection enables system to collect millions of speed samples directionally with speed, date & time information.



### **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 wireless data transfer of gathered speed data over GPRS –data connection.

### **“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.



#### GENERAL SPESIFICATIONS

Environmental:	-30°C to +70°C (-22 °F to 158 °F)
Units of Measure:	User Selectable (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:	+/- 0.3 %
Adjustable Speed Range:	Down to 1 KPH (1 MPH)
Range:	300 meters (1000 feet)
Signal processing:	Digital
Directionality:	Track target direction of approaching, resending or both.

#### 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:	5 mm durable Polycarbonate class (PC) with antireflective surface
IP-Classification	IP56

#### 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	0,13 A (1,5 W) Min / 0, 3 A (4 W) Max

#### RADAR SPESIFICATIONS

Frequency:	24.200 GHz (K-Band)
Power:	100 mW
Beam width & height:	30° by 32°
IP-Classification	IP65

#### 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

Cosine angle correction X/Y Angles
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:	Millions of 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

**Viatronics Corp.**

**Merikotkantie 10 LH1, 67200 Kokkola, Finland**

**Tel: +358 207 528 570 • Fax: +358 207 528 579**

**info@viatronics.eu • www.viatronics.eu**