

VIASITE 30 PRO CCTV

"WHEN ONLY THE BEST IS GOOD ENOUGH"

VIATRONICS



ViaSite Pro 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. . .

- Super bright 8000 mcd LEDs are two times brighter compared to conventional displays.
- 3-line LED-segments are over 30% more visible compared to 2-line LED-segments.
- Antireflective™ Front Class 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.

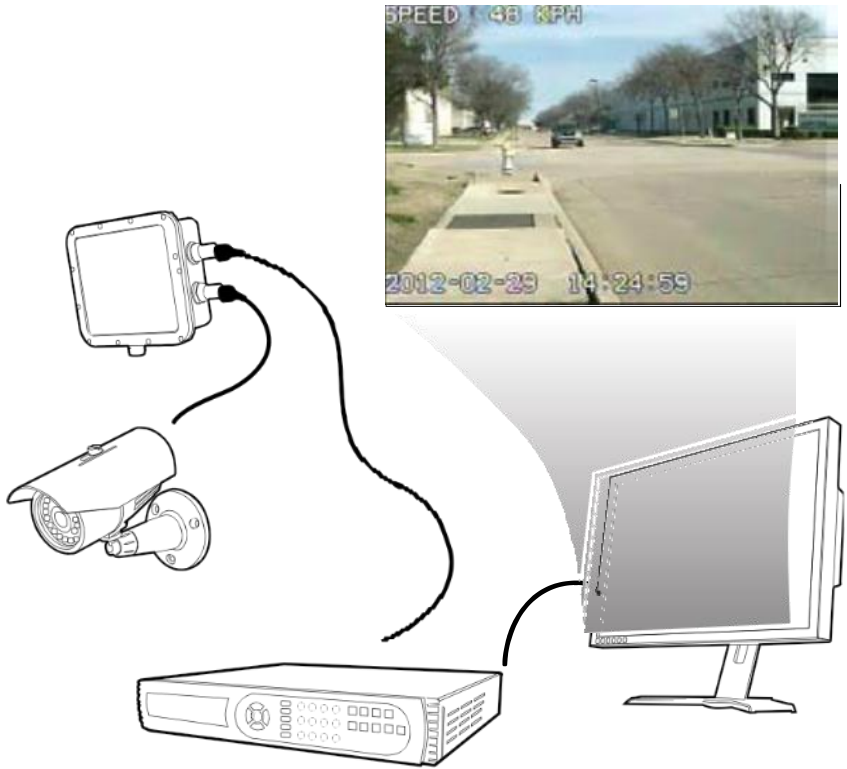
They decided to add one more feature for those who noticed the display but couldn't care the less. They added CCTV-interface which allows video recording with speed, date & time information as an evidence !



CCTV INTERFACE

ViaSite™ 30 Pro 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™ 30 Pro CCTV** creates a Monochrome on-screen display on either standard NTSC or PAL video streams.

ViaSite™ 30 Pro 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

The display is made from strong but yet lightweight Sea Aluminium (Almg 3). Powder coated and baked paint surface provides a hard scratch and weather resistant surface for permanent outdoor mounting or even for portable use. All display connectors are IP65 classified for maximum weather sustainability.

“SLOW DOWN” LED TEXT & YOUR SPEED STICKER OR PLATE

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.

The display is equipped with a reflective “YOUR SPEED” sticker or plate. If an optional “SLOW DOWN” LED-text is used. “YOUR SPEED” sticker is replaced with a text plate on top of the the display. Different language options are available for texts.



VIAMODULE

ViaSite™30 Pro CCTV is based on a ViaModule™ user interface. It is easy to operate having a backlit LCD-screen and only five control buttons. An easy-to-read menu structure allows straightforward programming of all functions needed in most speed display and data collection applications. The system can also be set to flashing digits when the pre-set speed limit is exceeded. Minimum & maximum speed settings filter out pedestrians and cyclists and extreme speed violations. **All these settings can be manually changed and adjusted on location!**





BATTERY

System can also be equipped with an optional 36 Ah rechargeable battery pack for "Street Light" power or solar panels.



SOLAR PANEL

System can also be equipped with an optional 60 -140W solar panels for off the grid operations.



OPTIONAL TRAFFIC DATA COLLECTION



SD-CARD

Integrated data collection provides the possibility to collect millions of speed samples bi-directionally with a speed/date/time stamp on a Secure Digital card (SD).



TSA

The display is equipped with a TSA (Target Separation Algorithm) function to separate vehicles. TSA improves calculation accuracy significantly.



BDC

An internal data filter collects data from both directions, while the speed display shows velocities to approaching drivers.



GPRS DATA

An optional GSM/GPS -module enables wireless data transfer over GPRS-data connection.



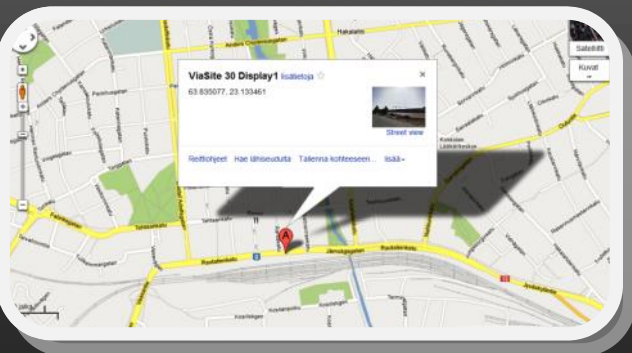
GPS

The module includes an automatic Google Maps™ -link to each email report, so it is easy to check the display location.



EMAIL

The module includes automatic e-mail reporting from gathered speed data within pre-set time intervals.



NEW IN VERSION 3.0

WIRELESS OPTION PROVIDES AUTOMATIC EMAIL REPORTS WITH BI-DIRECTIONAL TRAFFIC DATA!

GOOGLE MAPS LINK VERIFIES THE DISPLAY LOCATION ON GOOGLE MAPS SERVICE !



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 from 1 - 321 KPH / 1 - 200 MPH
Speed resolution:	+/- 1 MPH or KPH
Speed accuracy:	+/- 0.3 %
Adjustable Speed Range:	Down to 1 KPH (1 MPH)
Range:	280 meters (900 Feet)
Signal processing:	Digital
Directionality:	Track target direction of approaching, receding or both.
WEIGHT & DIMENSIONS	
Housing:	Painted black aluminium (Almg 3)
Size / Weight:	H 53 cm x L 53 cm x W 18 cm / 11-12 Kg
Front class:	5 mm durable Polycarbonate class (PC) with antireflective surface
IP-Classification	IP65
POWER	
Supply Voltage:	110-240 V
Supply Voltage Solar Panel (Option):	12-16 V / 120W
Nominal power / Battery (Option):	12 V / 18 - 36Ah
Power consumption	0,23 A (2,8 W) Minimum / 5 A (61 W) Maximum
MICROWAVE SPESIFICATIONS	
Frequency:	24.200±.1 GHz (K-Band)
Power:	10 mW
Beam width & height:	30° by 30°
LED BOARD	
Number of digits	Two (2)
Digit height	30 cm
Type:	7-segment 3 LED rows
LED-quantity:	266 PCS
Angle and brightness:	40° / 8000 mcd with automatic brightness adjustment
Options:	LED-texts "SLOW DOWN" , "KM/H" , etc.
CONTROLLER SPESIFICATIONS	
LCD-display with back light and 5 control buttons.	Possibility to set following functions: <ul style="list-style-type: none"> - Cosine angle correction in KPH or MPH - Speed limit (when exceeded module will flash speed digits few times) - Minimum & Maximum speeds shown by display - Time in seconds that each speed is displayed. - 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	Secure Digital (SD) card
Directionality	Both directions, System will relay only approaching targets to speed digits
Options:	Data transfer over GSM / 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

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