

# VIASITE 60 PRO CCTV-VMS

"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 <sup>LED</sup>s are two times brighter compared to conventional displays. 3-line LED-segments are over 30% more visible compared to 2-line LED-segments.
- Antireflective<sup>TM</sup> 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 and added:

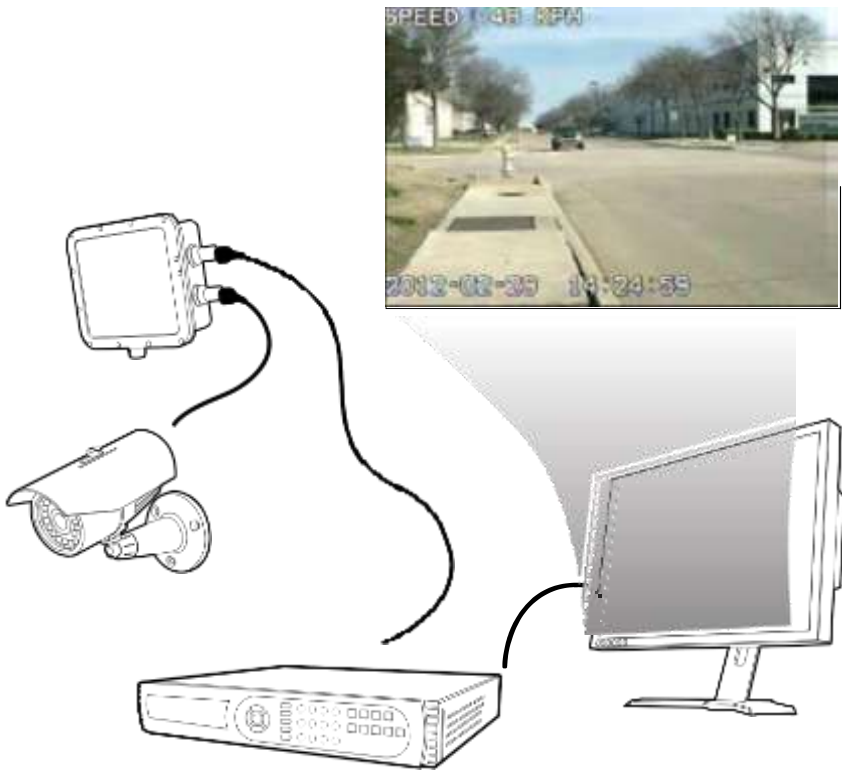
- CCTV-interface which allows video recording with speed, date & time information as an evidence !
- Variable Message Display (VMS) for displaying scrolling instant messages & images based on schedule or driver behavior.
- Command Center Interface (CCI) with PC-software for triggering independent audio-visual alarms on remote computer screen.



## 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.

## COMMAND CENTER & ADVANCED COMMAND CENTER INTERFACE (CCI) & (ACCI)

The Display can be also equipped with an optional Command Center or Advanced Command Center Interface (CCI) & (ACCI). CCI function allows speed display to relay speed information on remote computer. System will provide audio-visual warning on computer screen, which is done independently from speed display. ACCI version enables speed monitoring & alarms from multiple locations simultaneously. Function allows security personnel to take immediate and proper action whenever speed limit is violated within the monitored area.



## 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 80 Ah rechargeable battery pack for "Street Light" power or solar panels.



### SOLAR PANEL

System can also be equipped with an optional 120-240W solar panels for off the grid operation.



### 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 110 x L 90 x W 20 cm / 20 Kg (without batteries)
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 / 120-240W
Nominal power / Battery (Option):	12 V / 80 Ah
Power consumption	0,23 A (2,8 W) Minimum / 16 A (200 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	60 cm / (23,6 Inches)
Type:	7-segment 3 LED rows
LED-quantity:	644 PCS
Angle and brightness:	40° / 8000 mcd with automatic brightness adjustment
LED MATRIX DISPLAY	
Display height & width	25,6 cm (10 Inches) / 90 cm (35,4 Inches)
LED-type / Quantity / Colour:	Dual LED / 1792 PCS / Red
Angle / Brightness / Pixel pitch:	100° (H) and 50°(V) / 2000 ~4500 cd/m <sup>2</sup> / 16 mm
Options:	Wireless communication packet for remote multi display messaging
CONTROLLER SPESIFICATIONS	
LCD-display with back light and 5 control buttons.	Possibility to set following functions: <ul style="list-style-type: none"> <li>- Cosine angle correction in KPH or MPH</li> <li>- Speed limit (when exceeded module will flash speed digits few times)</li> <li>- Minimum &amp; Maximum speeds shown by display</li> <li>- Time in seconds that each speed is displayed.</li> <li>- Date and time</li> </ul>
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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