



ViaSite™ 30 is a 2-3 digit speed display with 30 cm high digits. ViaSite™ 30 is an effective way to reduce speeding in school zones, playgrounds and road work sites, where high velocities are a risk for children, workmen and other people.

ViaSite™ 30 is also a cost effective way for communities and councils to reduce speeding in problem areas.

ViaSite™ 30 provides speed information and a warning to drivers when the pre-set speed limit is exceeded.

ViaSite™ 30 is based on ViaControl™ user interface, which enables easy setting up with backlit LCD-screen and only five control buttons. Easy-to-read menu structure allows straightforward programming for 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 changed & adjusted directly at the site with the controller without computers.

ViaSite™ 30 has a built-in radar. Optionally the system is also available with a battery pack and solar panels. Wide 100 degree LED-angle makes the display readable from steep angles, so it is suitable especially for urban areas and cities. Automatic brightness adjustment adjusts LED brightness to fit in all lighting conditions.



Control unit with backlight LCD screen and 5 control buttons.



Optional Solar Panel

Viatronics Corp.

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TECHNICAL SPESIFICATIONS

LED DISPLAY

Number of digits	2-3
Digit height	30 cm
Type:	7-segment with 3 LED rows
Colour:	Red or Amber
Number of LED:s	448
Luminance (cd/m ²)	>5000
Viewing angle:	>100 degrees
Dominant Wavelength (nm)	625
Temperature range:	-30°C - +70°C
Housing:	Painted black Steel, IP65 waterproof case
Dimensions	501 mm L x 400 mm H X 103 mm W
Weight	10 kg
Text Plate:	"YOUR SPEED" & "KM/H", etc. (different language options available)

RADAR SPESIFICATIONS

Frequency:	24.125±.1 GHz (K-Band)
Beam width:	12° Horizontal
Output Power (EIRP):	<20dBm
Microwave Source:	DRO or PHEMT
Antenna Type & Polarization:	Planar Array & Linear
Receiver Type	Dual Channel Low-Noise
Environmental:	-30°C to +65°C
Units of Measure:	User Selectable (MPH, KPH, FT/sec., MT/sec.) (Tenths Available Also)
Target Speed Limits:	User selectable from 1 - 240 KPH / 1 - 150 MPH
Accuracy:	+/- 1 MPH or KPH
Adjustable Speed Range:	Down to 1 mph (1 km/h)
Adjustable Sensitivity Levels:	5 different settings
Signal processing:	Digital
Directionality:	Track target direction of approaching, receding or both.

CONTROLLER FUNCTIONS

LCD-display with back light and 5 control buttons	Changing parameters by using LCD-menu & control buttons: - Cosine angle correction in KPH or MPH - Speed limit (when exceeded, speed digits will flash few times) - Minimum & Maximum speeds show by display - Speed displaying time in seconds
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POWER

Nominal power & Battery:	12V / 110-240V Power Source / Optional solar panels with 18-36 Ah battery
Power consumption (minimum)	0,13 A (1,56 W)
Power consumption (maximum):	2 – 2,7 A (24-32,5 W)

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