



K&K Systems, inc.
Traffic Safety Products Manufacturer

POLE MOUNT RADAR DISPLAY RPM RADAR SERIES

RPM Series Pole Mounted Radars are designed to keep both pedestrians and vehicular traffic safe by reminding motorists of their speed. Using a violation alert flashing display, the driver's attention is drawn to the radar display. Radar displays have been proven to slow motorist down 5 to 10 MPH.

Our 100,000 rated LED lighting unit displays (2)18" amber digits. Our boards detect speeds from 5-99 MPH. KPH board is available. We install the display in an aluminum housing that has been powder coated matte black to prevent glare and rust.

With K&K Systems **Quick Selection Switch** you are able to change your *Over Speed Violator Alert* speed and the *Blanking Violator Alert* without need of a CPU which allows the field workers to simply push the button to desired speed threshold.



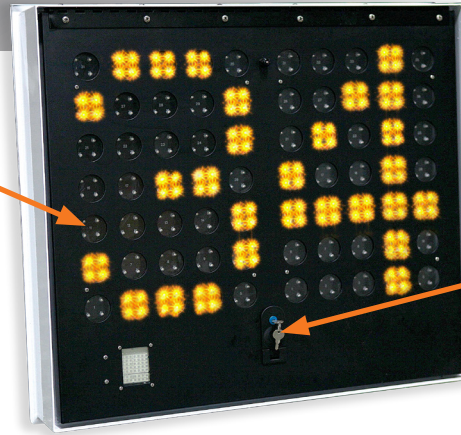
FEATURES

- ▶ Easily Adapts to Existing Pole or One of Our Optional Poles
- ▶ Radar is FCC pre-approved with CE mark for worldwide deployment
- ▶ Lowest power industry standard radar for speed measurement
- ▶ Day/Night Automatic Dimming
- ▶ All LED Display Protected by Lexan
- ▶ Available in 24.125GHz and 24.200Ghz
- ▶ All Aluminum Display Enclosure
- ▶ Powder Coat Paint
- ▶ Front Serviceable
- ▶ Over Speed Flashing Violator Alert
- ▶ Over Speed Blanking Violator Alert
- ▶ KPH Option available

RPM SERIES RADAR DISPLAY POLE MOUNT

Display Module

- Optical: 5 x 7 Pixel, 2.85" Pitch
- LED pixel is formed using 4 LEDs
- Pixels are arranged in a 2 digit, 5 wide by 7 tall matrix
- LED pixel spacing is 2.85" x 2.85"
- 592 NM wavelength +/- 2NM
- LED vision of minimum of 30 degrees
- Wavelength output variance of +/- 1nm



Display Cabinet

- Frame Construction: Extruded Aluminum, 6063 alloy with T5 Temper
- Sealed, weatherproof
- Vandal resistant (lockable)
- Housing: .090 Aluminum
- Viewing Window: .125 Polycarbonate with UV matte finish
- Paint: Powder coat paint flat black door
- Salt Spray Fog: 1,000 hours
- UV Resistance: 500 hours
- Hardware: Stainless Steel

Solid State Regulator

Electrical Specifications:

- Voltage: 12V
- Rated Solar Input: 10A
- Rated Load Current: 10A
- Equalization Voltage: 14.8V
- Boost Battery: 14.4V
- Float Battery: 13.6V
- Low Voltage Disconnect: 11.1V
- Low Voltage Reconnect: 13.1V

Radar

- Operating Band K-Band
- Frequency 24.125 GHz ±25Mhz
- Power Output 5mW
- Beam angle 38 x 45
- Polarization Linear
- Supply Voltage 9.5V DC to 16V DC (18VDC max)
- Nominal Current Draw 9.5 mA
- Operating Temp. -40 F to +185 F (-40 C to +85 C)
- Accuracy ±0.1 mph
- Speed Range 5 mph to 99 (8 kph to 158.4 kph)
- Detection Range Typically 1500+ feet (457+ meters)

	Model	Description	Char. Size
Model Selection Guide	Radar Speed Monitor - Pole Mounted		
	RPM-10	LED radar display. Black face, white balance	10"
	RPM-14	LED radar display. Black face, white balance	14"
	RPM-16	LED radar display. Black face, white balance	16"
	RPM-18	LED radar display. Black face, white balance	18"
	RPM-26	LED radar display. Black face, white balance	26"
	ER12	12" radar display, DC, preset radar 5-99 mph	12"
	ER-SDR	Slow Down display, DC, preset radar 5-99 mph	11"x16"

OPTIONS

- ▶ Solar Powered
- ▶ AC Powered
- ▶ DC Powered
- ▶ Round Aluminum Pole Kit 11' - 20'
- ▶ AGM Batteries
- ▶ Traffic Stats
- ▶ Speed Limit Sign
- ▶ Portable Dolly
- ▶ KPH
- ▶ Slow Down
- ▶ Third Digit
- ▶ Flashing Beacons

SUGGESTED USES

- Cyclists Ahead
- School Zones
- Hazard Warning
- Animal Collision
- Posted Speed Limit
- Dynamic Speed Warning
- Advance Traffic Control