



Phone: 1-678-339-2326

Fax: 1-678-623-0222

Email: sales@LCPSI.com

Web: www.LCPSI.com

Radar Speed Signs

Pole Mounted

Model LCERPM-11-SD

FEATURES

- 11" LED Display (larger sizes optional)
- Easily Adapt 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
- All LED Display
- Available in 24.125GHz and 24.200Ghz
- All Aluminum Display Enclosure
- Powder Coat Paint
- Built in White Violator Strobe
- Front Serviceable
- Over Speed Flashing Violator Alert
- Over Speed Blanking Violator Alert
- KPH Option available



Optional Solar Package

With Lightcast's optional Solar feature you will no longer need to trench or bore electricity to your radar speed sign. No more Power Bill!

CPU Software

Configure violator alerts and other settings with our custom software.





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MODEL LCERPM-11-SD SPECIFICATIONS

Dimensions: 35" x 42-3/4", Weight: 95 lbs

Sign Frame

- Open Front skin: constructed of .063 aluminum
- Back skin: constructed of .063 aluminum
- Viewing Window: .125" thick polycarbonate with UV matte finish
- Paint: Powder paint, flat black
- Salt spray fog: 1,000 hours
- UV Resistance: 500 hours

Display Module

- Dimensions: 35" x 42-3/4"

Optical:

- Pixels are arranged in a 2 digit, (7) seven segment array.
- LED pixel spacing is .70 inches x .70 inches
- 15 degree viewing angle

Photocell Assembly (built-in)

- Monitors ambient light conditions and adjusts brightness accordingly

Standard Violation Alerts

- Characters flash when over preset threshold &/or built-in face white strobe
- Display will go blank when over preset threshold

Radar

- Operating Band K-Band
- Frequency 24.125 GHz \pm 5Mhz
- Power Output 5mW
- Beam angle 38 x 45
- Polarization Linear
- Supply Voltage 5.5V 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 \pm 0.1 mph
- Speed Range 2 to 99 mph
- Detection Range Typically 300+ feet (90+ meters)

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
- Self-Consumption: 6 mA
- Operating Temp. -35 to +55oC

Options

- KPH and 3 digit display
- (2) 12v VDC 18 amp batteries
- AC kit
- Punched metal or open face
- Round Aluminum Pole kit 11 -20
- Traffic Stats (5 to 99 mph)
- Bluetooth
- Solar Kit
- Your Speed Is sign
- Speed Limit Signage