

SPECIFICATION FOR FAST-12 POLE MOUNTED RADAR SPEED SIGN

The Fast-12 is a permanent or semi-permanent mounted radar speed sign featuring 12" full matrix amber LED characters. This unit is ideal for community streets where speeding is a problem.

- Feature sealed case with easy access to critical components through front access door, 1/8" thick welded aluminum construction.
- Casework: 26" wide, 8" thick, 20.5" high.
- Finished size (includes "YOUR SPEED" aluminum sign, white retro-reflective material, black characters):
 - 26" wide, 8" thick, 24" high.
- White powder coat paint inside and out.
- All stainless steel hardware (mounting brackets aluminum).
- 1/8" clear polycarbonate lens with a non-glare textured finish.
- Single directional, K-band radar unit.
- Operating parameters set by case mounted push button or included remote RF fob, on display.
- Set up must not rely upon lap top or handheld in field.
- User programmable radar sensitivity, 5 levels.
- Must have user selectable MPH/KPH setting.
- Radar device has X-Y axial position adjustability independent of sign housing.
- 12" Full matrix characters made of Amber high intensity LED's.
- Display **must not** be of seven-segment variety.
- Display **must not** employ moving parts (i.e. shuttered LEDs).
- Display speeds from 1 to 99 MPH.
- Automatic intensity adjustment to ambient light conditions.
- "Dark Mode" of operation for data collection when data optional.
- Capable of reliable solar power operation (see below).
- On-screen voltage check.
- LED operation diagnostics.
- Keyed On/Off switch.
- Display equipped with High Speed Blanking settable in 1 MPH increments standard.
- Display equipped with amber LED Flashing Speed Violator alert settable in 1 MPH increments standard.
- Display equipped with Minimum Speed Display settable in 1 MPH increments standard.
- Violator Alerts can be set in any order of hierarchy.
- Default to last settings on power up.
- Built in on-screen diagnostics.
- Display is equipped with one or more of the following items:
 - Embedded red LED "SLOW" Violator alert settable in 1 MPH increments.
 - Embedded "Red/Blue" Flashing Bars Violator alert settable in 1 MPH increments.
 - Data collection capabilities, capturing each free flow vehicle and time/date stamping each event with speed.
 - Embedded "White Photo Flash" Violator alert settable in 1 MPH increments.
 - Solar power option includes 60 watt panel (minimum), 100Ah AGM battery (one), cabling and mounting hardware.