

RU2 Systems, Inc.

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SPECIFICATION FOR RU2 FAST-250 RADAR SPEED SIGN

The RU2 Fast 250 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. All signs include our exclusive 2 piece variable angle pole-mounting bracket.

- Units feature sealed case with easy access to critical components through rear access panel, 1/8" thick welded aluminum construction
- Casework: 26" wide, 8" thick, 20.5" high
- Finished size (includes MUTCD compliant "YOUR SPEED" aluminum sign, white retro-reflective material, black Highway Gothic characters): 26" wide, 8" thick, 24" high
- Units have White polyester powder coat paint inside and out
- Units have all stainless steel hardware (mounting brackets aluminum)
- Units have 3/16" GE Lexan[®] shielding with a smoked, non-glare finish
- Units have Single directional, K-band radar unit
- Units have user programmable radar sensitivity, 5 levels
- Units must have user selectable MPH/KPH setting
- Units radar device has X-Y axial position adjustability independent of sign housing
- Units have 12" Full matrix characters made of Amber AlInGaP high intensity LED's
- Unit(s) display must not be of seven-segment variety
- Unit(s) display must not employ moving parts (i.e. shuttered LEDs)
- Each pixel is comprised of four LEDs
- Units Display speeds from 1 to 99 MPH
- Units have Automatic intensity adjustment to ambient light conditions
- Units must accept 110v power input (90 to 277 VAC, 1Ø, 50-60 Hz.)
- Units must not exceed 6W nominal power consumption, 15W peak.
- Units be capable of reliable solar power operation (Option – see below)
- Units must have on-screen voltage check
- Units must have LED operation diagnostics
- Units have 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
- Units default to last settings on power up
- Built in on-screen diagnostics

OPTIONALLY

- Display is equipped with embedded red LED "SLOW" Violator alert settable in 1 MPH increments
And/or
- Display is equipped with embedded "Red/Blue" Flashing Bars Violator alert settable in 1 MPH increments
And/or
- Display is equipped with data collection capabilities, capturing each free flow vehicle and time/date stamping each event with speed
And/or
- Solar power option includes 75-watt panel (minimum), group 27 AGM battery (one), cabling and mounting hardware. Solar panel may be upsized at supplier's discretion to ensure proper function under installed environmental variables at no additional charge.