

Speed Radar Totem

Code: TRR

Leader don't follow steps
... marks the way



Images are mere illustrative models .

FEATURES

Traffic doppler radar with led display and speed limit sign integrated in a post totem-type to be installed on any road or highway.

The Totem Speed Radar assembly consist in a monochromatic led display segmented with different protections to resist weather conditions. Contains in a lower space a dye metal sheet signal SR-9 type for indicate the maximum speed limit allowed in that route.

Also has the three digits display speed detection system in amber color and -atop- the photovoltaic cells for get solar energy for the conjunct.

SPECIFICATIONS:

1. Sign SR-9 with an area of de 33.85 x 33.85 inches manufactured in galvanized metal dye sheet cal. 16 with white reflective background and text in black (according with mexican autorithies standard).
2. Speed detection system with a monochromatic board embedded in a galvanized metal dye sheet cal.16 with white reflective background and the text "your speed" in black color.
3. Power system composed by a photovoltaic cell, a battery and circuitry to guarantee daylight charge. This include a 1" angled metallic support, a cabinet made out in galvanized metal dye sheet cal. 18 with IP 65 protection level and a specialized urethanes based mechanic seal with UV protection. This angled support and the cabinet has fosfatized anticorrosive protection prime coated with zinc chromat and then with catalyzed alkyd finishing enough for garante a anti-tropical environment level protection.
4. The elements are mounted in a post made out in galvanized Hollow Square Tube (HSQ) 2" cal 14 with a height up to 13 ft. to be installed on pavement by drowned in cement method.
5. Aprox. weight: adicional (speed limit sign mi/h) 22,04 lbs, radar 48,50 and cabinet with support 55,11 lbs.

RADAR TECHNICAL FEATURES :

1. Working temperature limits-40 °F to 185 °F.
2. Format and color of display according The MUTCD International System.
3. Input: 12V.
4. Energy consumption: <12 W.
5. Working frequency : 24 Ghz.
6. Radar deviation range error: ≤ 40 MHz.
7. Measure Internal System (calculate speed by eco-wave with 99% fiability)
8. Moisture working range: IP 65.
9. Speed range: 99 Mi / H.
10. Error range: 0.05% (measure acuteness = resolution).
11. Reaction timing: ≤ 10 -15 ms.
12. Detection distance limit: 236 yd.
13. Speed limit 100 mi/h, more speed turn leds on red.

Leds features:

- Dimensions 0,19 in.
- Illumination angle : 30 °
- Working voltage: 2.2-2.7V
- Consumption: 20MA
- Light intensity (each led): GREEN :> 10 CD / RED :> 15 CD .

More technical specifications:

- Solar Power System: 01 Photovoltaic monocristaline cell 50W, 01 Acid-lead battery 12V/07.5aH with auto-charge system.
- Mounted in Galvanized Metallic support and cabinet IP65

