



FRAME CONSTRUCTION

- Box:** Constructed of A36 hot roll steel sheet 14 gauge
- Size:** The display box dimensions are 71 cm wide x 56 cm high x 54 cm deep
- Finish:** Oven baked white powder coat paint
- Weight:** 14 kg

LED DISPLAY

- LEDs:** High output 7 segment LEDs with a wide-viewing angle of 70 degrees
- Luminous Intensity:** 1300 mIm (millilumen), readable from 305 meters
- Display Size:** 61 cm high x 61 cm wide
- Window:** The window is 0.1875 thick clear Lexan® solar grade plastic front
- Characters:** The sign contains two characters
- Character Size:** Each character is 46 cm high x 26 cm wide

CONTROL FUNCTIONS AND POWER SUPPLY

- Controls:** The control box is a self-contained dust and waterproof environment
- Power:** 220-240 V AC power supply, on/off switch located inside the control box
- Features:** High or low speed cutoff and violation speed

RADAR (SI-3)

- Type:** The radar is an approach-only antenna, which tracks vehicles moving only toward the OnSite 50. It displays the strongest of the faster moving vehicles.
- Frequency:** K-band 24.150 GHz +/- 50 MHz
- Beam Width:** 12° +/- 1°
- Detection Range:** 460 meters
- Accuracy:** +/- 0.1 kph

Interface Capability:

The SI-3 in the OnSite 50 is compatible with the Decatur Electronics EZ-Stat traffic statistics program. Ask your salesman for more information.

MOUNTING**Pole Mounting:**

The OnSite 50 mounts to poles with diameter ranges from 5 cm to 25,5 cm. Included in the mounting kit is a vinyl coated 122 cm locking cable for added security.

WARRANTY**One-Year Warranty:**

The OnSite 50 comes with a one-year warranty on all parts and labor. The warranty does not include repair of physical damage from misuse or vandalism.

OnSite 50 Solar Specifications

SOLAR PANEL	MONOCRYSTAL
Power (W)	85W
Voltage (V)	21,6V (18)
Battery Capacity (Ah)	6
Panel Capacity (Ah)	5,14A(4,83)
Mimimum Weight (kg)	8 KG

OnSite 50 Bettery Specifications

PERFORMANCE	
Voltage (V)	12
Cold Cranking Amps @ -18°C (A)	975
Cranking Amps @ 0°C (A)	1125
Reserve Capacity (Minutes)	155
Capacity (C/20 Rate) (Ah)	75
Internal Resistance (ohms)	0,0025

APPROXIMATE PHYSICAL SPECS	
Length (mm)	335
Width (mm)	175
Height (mm)	268
Mimimum Weight (kg)	28
Type Post/Terminal	3/8 Stainless SAE Dual SAE & GM SAE SAE
BCI Group	31A