

Features

Controllers

- All SA300 Controllers and Collaborators
- Permanently and Environmentally Sealed Electronics
- Compact and lightweight aluminum enclosure
- Weight: under 30 lbs including battery
- Mounted behind solar panels

Power Options

- AC or Solar Power
- 20W Solar Panel with up to 60 Watt available
- MPPT Solar Collection

Visual LED Enhancements

- MUTCD and FHWA Compliant for all Warning Signs
- Fits 24", 30", 36", and 48" signs
- 48-112 Amber LEDs (Depending on sign size) for Redundancy and Uniform Light Distribution
- Exceeds SAE J595 Class 1 Intensity
- Auto Dimming
- Meets SAE J578 for chromaticity

Battery (Solar Models)

- Standard 12 Ah AGM batteries. Larger battery packages available including 13 Ah Advanced AGM, and 40 AH AGM batteries
- Accessible Batteries, easily replaceable in field
- Lighter weight for ease of handling

Human Interface (HMI) TC Connect

- WiFi Connectivity - No Internet Connection required
- Configurable Flash Duration
- Automatic Unique Channel Selection
- Wirelessly configures all devices on network
- Traffic Data Recording / Reporting
- Auto and configurable dimming

Overheight Sensor Features

- Single direction detection system
- 115VAC or 24 VDC options available
- Detection by infrared LED beam disruption
- NEMA 6P enclosure rated
- Minimum range: 6 ft (2m)
- Maximum range: 700 ft (213m), 200 ft (61m) if bad weather is anticipated
- GO-NOGO function alignment for easy setup
- Reaction Speed: 1-75 MPH (1-121 KPH) for a 2.5 in (6.25cm) object 1 in (2.5cm) above detection height
- -40° to +135° (-40° to +57° C)
- Aluminum construction with vandal resistant design
- Internal air flow control to minimize condensation

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Placed on opposite sides of the street, the advanced Infrared break beam detector wirelessly triggers LED rings to flash.

The result is advanced warning to only the vehicles that present a danger to infrastructure.

