### Description

The Internet-enabled **300 Series Pole-Mount Network Controllers** power and control Rectangular Rapid Flashing Beacons (RRFBs), Round Warning Beacons, Flashing LED Signs, IRWLs, Pedestrian Hybrid Beacons (PHB or HAWK), Emergency Vehicle Hybrid Beacons (EVHBs) and associated peripheral devices from a pole-mounted enclosure. They can provide local wireless activation of devices attached to other Spot Devices network controllers using spread spectrum radio frequency communication. Internet connectivity permits “from anywhere” activation, monitoring and configuration through **SIMA**, Spot Devices **System Infrastructure Management Application**. Systems are available in both AC and solar power configurations.

### Highlights

- Browser-based functionality
- Remote access, diagnostics and reporting
- Integrate with a range of local activation devices
- MUTCD and CalTrans compliant
- Manufactured in the USA in an ISO 9001 facility
- 2 year warranty

### Specifications

**MODEL**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SC310</th>
<th>SC315</th>
<th>SC320</th>
<th>SC320H</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>POWER</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AC Input:</td>
<td>120 VAC</td>
<td>120 VAC</td>
<td>120 VAC</td>
<td>120 VAC</td>
</tr>
<tr>
<td>Output:</td>
<td>150W @ 13.8 VDC</td>
<td>150W @ 13.8 VDC</td>
<td>600W @ 13.8 VDC</td>
<td>600W @ 13.8 VDC</td>
</tr>
<tr>
<td>Solar Input:</td>
<td>20W to 45W</td>
<td>20W to 90W</td>
<td>20W to 90W</td>
<td>N/A</td>
</tr>
<tr>
<td>Output:</td>
<td>21 Ah 12V battery</td>
<td>35 Ah 12V battery</td>
<td>104 Ah 12V battery</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**OPERATING CHARACTERISTICS**

- Supported output devices: RRFB, Round Warning Beacon, Flashing LED Sign, IRWL (SC320 only), PHB/HAWK (SC320H only) and EVHB (SC320 or SC315 only)
- Configuration: Internet-enabled user interface - SIMA
- Local configuration using the DTD or duration adjustment with dials
- Data network: GPRS/EDGE, GPS
- Local wireless frequency: 2.4 GHz spread spectrum local wireless
- SIMA system updates: 4x daily, Anytime, Anytime

**PHYSICAL CHARACTERISTICS**

- Enclosure: NEMA 4X fiberglass, NEMA 3R aluminum, NEMA 3R aluminum, NEMA 3R aluminum
- Weight - AC systems: 9 lbs, 17 lbs, 21 lbs, 21 lbs
- Weight - solar systems: 15 lbs, 25 lbs, 66 lbs, N/A
- Dimensions H"xW"xD": 12 x 10 x 6, 19 x 10 x 6, 24 x 14 x 8, 24 x 14 x 8

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