Radarsign Beacon Safety Systems
➢ AC or solar powered flashing beacons only
➢ Available in single and dual beacon systems
➢ Available in front, top, or side mount beacon configurations

Options Available:
➢ Regulatory school zone signs
➢ Pole with breakaway base
➢ Concrete form guide with anchor bolts
➢ Relay Switch to trigger flashing beacons; AC and DC versions

Beacon Management Options
No Timer/Controller
➢ Flashing beacons will operate 7 days/week, 24 hours per day

Timer/Controller local on each pole with flashing beacons (optional)
➢ Flashing beacon times and dates of operation can be pre-programmed for an entire year
➢ Changes must be made locally at the pole

Radarsign Cloud Safety Management (optional)
➢ Flashing beacon times and dates of operation can be pre-programmed for 24 months
➢ Changes made remotely

<table>
<thead>
<tr>
<th>Feature</th>
<th>On-Pole Timer/Controller (optional)</th>
<th>EZ Comm Cloud (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remote access/Programming ability from a web browser</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Access distance</td>
<td>zero feet</td>
<td>Worldwide</td>
</tr>
<tr>
<td>Automatic download of traffic data every night</td>
<td>No. Local downloads via Wi-Fi</td>
<td>Yes</td>
</tr>
<tr>
<td>Access method</td>
<td>On-site keypad in cabinet</td>
<td>Cellular modem</td>
</tr>
<tr>
<td>Pre-program period</td>
<td>12 months</td>
<td>Multiple years</td>
</tr>
<tr>
<td>Number of schedules accepted</td>
<td>16</td>
<td>Up to 24</td>
</tr>
<tr>
<td>Number of exception days</td>
<td>10</td>
<td>Up to 24</td>
</tr>
<tr>
<td>Retention of schedule in case of primary battery failure or non-communication</td>
<td>2 days</td>
<td>2 weeks</td>
</tr>
<tr>
<td>Automatic Daylight Savings Time management</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Recurring Fees</td>
<td>None</td>
<td>Annual access fee</td>
</tr>
</tbody>
</table>

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# System Features

## LED Signal Head
- **Lamp Wattage:** 5 +/- 10%
- **Lens Material:** Tint or Clear Polymeric
- **Chromaticity:** 590 nm
- **Working Voltage:**
  - 10-15 VDC (solar)
  - 110 VDC (AC)
- **Temperature Compensation:** Yes
- **NEMA 4 Compliant**
- **Visible Beam Spread:** 80° off axis
- **UV Stabilization:** Yes
- **Polycarbonate Beacon Housing**
- **5 Year Standard Warranty**

## Flasher Module
- **100% solid state design**
- **Flash Rate:** 60fpm
- **Duty Cycle:** 50%
- **Standard NEMA 2 circuit flasher**

## Calendar Timer Module (optional)
- **16 character, alpha-numeric, Liquid Crystal Display (LCD)**
- **Automatic Daylight Savings Time (DST) compensation**
- **48-hour capacitive memory back-up-no batteries to replace**
- **16 program steps**
- **10 skip plans**

## Solar Cabinet
- **NEMA 3 aluminum cabinet**
- **DCF-2 circuit 12 volt DC flasher**
- **8 pin flasher base**
- **Solar regulator**
- **CPC connector with 84 inch harness**
- **High quality police lock**

## Solar Panel Options
- **Rated Power:** 65 watt/90 watt/120 watt

## Solar Charge Controller (Solar model only)
- **Rated Solar Current:** 15A
- **Rated Load Current:** 15A
- **System Voltage:** 12/24V
- **Sealed lead acid**
- **100% solid state**
- **Current compensated low voltage disconnect (LVD)**

## Battery (Solar model only)
- **12 Volt 55/75/100 AHr AGM Battery**
- **Up to 10 day backup operation**

## AC Cabinet
- **NEMA 3 weather-tight aluminum cabinet**
- **DIN mounting wiring panel**
- **10 amp circuit breaker**
- **Single stage suppression circuit**
- **Isolation relay**
- **Switch to turn off flashing output**
- **NEMA 2 circuit flasher**
- **High quality police lock**
- **Surge arrestor**

## Flashing Beacon Mounting Options
- Top of pole, Side of pole, Front of pole