SiVMS-RGB-32-XXX Changeable Message Sign

FEATURES
- Temperature Range of -30°C to +70°C
- UL-48 Certified
- 32 x XXX LED Matrix
  - 1 RGB LED / Pixel
  - LED Color – Full Color
  - LED Intensity - 1500 mcd
  - LED Diameter - 5mm
  - LED Viewing Angle – 45 degrees
  - 0.3” dot pitch
- Enclosure
  - Tamper Proof Fasteners
  - Designed to NEMA-4 Specification
  - Hinged front access covers
  - Lexan Lens
- Functional Requirements
  - ADA compliant fonts
- Controller Interface
  - Ethernet
  - RS422/RS485
  - Open Protocol
- Memory
  - 32Gbit of user FLASH

DESCRIPTION
The SiVMS family of Trilogy changeable message signs provides superior performance in outdoor applications. Each sign interfaces to a sign controller using an open protocol over Ethernet or RS422/RS485. The signs include an automatic brightness control using an internal ambient light sensor. LEDs are chosen to provide a uniform brightness. The SiVMS is available in both single and dual sided versions with a standard or custom enclosure. Each sign panel is powered by a universal AC input and will be capable of storing 100 messages with 100 characters for each message. Each sign will have the ability to create user bit-map characters or pixel based graphics.

SINGLE SIDED ELECTRICAL SPECIFICATIONS
- Input Voltage: 100-240V AC
- Power Consumption: See Attached
- Maximum Power Consumption: See Attached Sheet
- Min Operating Temperature: -10°C
- Max Operating Temperature: +50°C
- Ethernet Interface: 10/100 – RJ45
- Serial Interface: RS232/RS485/RS422

MECHANICAL CHARACTERISTICS
- Body Material: Stainless or Painted Steel
- Lens Material: 1/4in Thick Polycarbonate
- Access: Tamper Proof Hinged Door

SIZE SPECIFIC CHARACTERISTICS

<table>
<thead>
<tr>
<th>Item</th>
<th>Power Draw</th>
<th>Dimensions LxHxD (in)</th>
<th>Catalog Number</th>
<th>Integrated Speaker</th>
<th>Enclosure Louver</th>
<th>Cooling Fan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual Sided 32x144 RGB</td>
<td>850W</td>
<td>45 x 15 x 16</td>
<td>SiCMS-RGB-32x144-DS</td>
<td>-SK</td>
<td>-LV</td>
<td>-FA</td>
</tr>
<tr>
<td>Single Sided 32x144 RGB</td>
<td>500W</td>
<td>45 x 15 x 8</td>
<td>SiCMS-RGB-32x144-SS</td>
<td>-SK</td>
<td>-LV</td>
<td>-FA</td>
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<tr>
<td>Dual Sided 32x160 RGB</td>
<td>950W</td>
<td>53 x 14 x 16</td>
<td>SiCMS-RGB-32x160-DS</td>
<td>-SK</td>
<td>-LV</td>
<td>-FA</td>
</tr>
<tr>
<td>Single Sided 32x160 RGB</td>
<td>500W</td>
<td>53 x 14 x 7.5</td>
<td>SiCMS-RGB-32x160-SS</td>
<td>-SK</td>
<td>-LV</td>
<td>-FA</td>
</tr>
<tr>
<td>Dual Sided 32x240 RGB</td>
<td>1450W</td>
<td>77 x 14 x 16</td>
<td>SiCMS-RGB-32x240-DS</td>
<td>-SK</td>
<td>-LV</td>
<td>-FA</td>
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<tr>
<td>Single Sided 32x240 RGB</td>
<td>750W</td>
<td>77 x 14 x 7.5</td>
<td>SiCMS-RGB-32x240-SS</td>
<td>-SK</td>
<td>-LV</td>
<td>-FA</td>
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