Ethernet Interface Module

Overview
TCP/IP communication is currently the most desired way to communicate to your lighting control panels. Greengate can supply you with an Ethernet Interface Module (EIM) that will make TCP/IP communication simple.

Features
- Interface from TCP/IP to RS-232 communications
- Integrated with VisionSwitch, VisionTouch, and Keeper Enterprise for simple relay control
Specifications

<table>
<thead>
<tr>
<th>Size</th>
<th>3.5”H x 2.5”W x 1”D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating System</td>
<td>100-240 VAC wall transformer included</td>
</tr>
<tr>
<td>Cable for connection to panel included</td>
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</tr>
</tbody>
</table>

Description/Operation

The Ethernet Interface Module (EIM) is a quick and simple way to access our control panels over a TCP/IP connection. The EIM converts data packets sent over the TCP/IP connection to RS-232 communications. Provided a DHCP server exists on your network, the EIM will automatically configure its IP address. If custom configurations are required, the EIM can be configured via the web or serial port. The TCP/IP configuration of the EIM should be done by a qualified Network Administrator.

Ordering

This is an accessory for the ControlKeeper TouchScreen, ControlKeeper 4, ControlKeeper 4A, ControlKeeper 2, LiteKeeper 16 & 32, LiteKeeper 8 and LiteKeeper 4 lighting control panels. When ordering, specify the Ethernet Interface Module (EIM) as a separate system accessory.

<table>
<thead>
<tr>
<th>Catalog #</th>
<th>Description</th>
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<tbody>
<tr>
<td>EIM</td>
<td>Ethernet Interface Module</td>
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<tr>
<td>WEIM</td>
<td>Wireless Ethernet Interface Module</td>
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Wiring Diagram

![Wiring Diagram Image]

The Ethernet Interface Module (EIM) permits the lighting control network to be accessed directly from the building LAN. This will permit the end user to monitor and program the lighting control panels from any PC in the building with the Keeper Enterprise software installed. The EIM also permits Greengate Lighting Control Systems to connect to the lighting control panels with the permission of the end user for programming and troubleshooting purposes.

1.) IP address and device configuration is supplied by owner (Building IT department)
2.) The EIM may be connected to any lighting control panel on the network
3.) 100% secure connection through the end users Firewall using the following technologies:
   A.) VPN connection (lock the connection down to only a few PCs)
   B.) Up to 256 bit encryption without a VPN connection. If two Secure EIM’s are installed up to 256 bit encryption is available for communications.