

eOSS-L

- **Web Server**
- **Logger**
- **Scheduler**
- **Optimiser**
- **Alarm Handler**



MAKING OPEN SYSTEMS WORK FOR YOU

Bringing together the power of the Internet and LonWorks technology makes for ease of use and unrivalled capability both now and in the future. Allowing easy open integration between all products in the iLend™ range and products from other manufactures you can be sure of creating a system that suits the job at the right cost. eOSS™ is a programmable controller complete with an embedded NDS web server that delivers complete dynamic supervisory graphics to a web browser, thus allowing data points to be viewed and modified for any device on a LonWorks network.

AT THE FOREFRONT OF TECHNOLOGY

As a complete embedded supervisor and programmable controller, eOSS delivers a wider range of functionality than most other products of its type. For example: Dynamic graphics, Logging, Time scheduling, Time server, Alarm management and re-transmission, Security and access control, Remote configuration of graphics, user application and firmware.

COST EFFICIENT

eOSS removes the need for a dedicated supervisor PC, operating system and network interface cards therefore considerably reducing the costs normally involved with control and monitoring. This makes this solution ideal for the smaller sites such as retail chains and schools as well as for the largest buildings. When used for energy management, tax and energy savings can be realised.

THE PERFECT UPGRADE ROUTE

eOSS is also capable of communicating with Trend® networks at the same time as LonWorks therefore providing an easy upgrade path to an Open System or to expand an existing site using otherwise unavailable technologies.

ENGINEERING

Configuration of both user application and graphics could not be easier. IPT is the engineering tool that allows the creation of strategies using drag and drop modules and wiring techniques. The same applies to functional profile usage and creation, with full access to the LonWorks resource catalogue, standard and third party functional profiles. The renowned OSS schematic editor is built-in for the creation of dynamic graphics. All of this can be done remotely.

LOGGING

Logs can be viewed, stopped and started via the browser as well as automatically emailed out on a scheduled basis.

TIME SCHEDULES

Schedules have up to 4 on/off periods per day and special days can be created to override normal schedule operation.

ALARM MANAGEMENT

Alarms are logged and can be acknowledged via the browser, can be emailed or sent to mobile phones as SMS messages.

Specifications

<p>CPU: 40 MHz</p> <p>MEMORY: 8MB RAM 512MB Compact Flash</p> <p>SUPPLY VOLTAGE: (must be isolated) 18 - 32 Vdc 16 - 24 Vac 150 mA @ 24 Vdc (nominal)</p> <p>CONNECTIVITY: LonWorks: TP/FT-10 RS232: Trend or SMS Ethernet: Web Server Ethernet: IPT Engineering Tool</p>	<p>PHYSICAL: Enclosure: CR4 1449 coated steel Weight: 1.4 kg Size: 300 x 80 x 40 mm</p> <p>CONNECTORS: Power: 3 Part with screw terminals RS232: DB9 female socket Lon: 2 Part with screw terminals Ethernet: RJ45</p> <p>ENVIRONMENTAL: Storage: -10 °C to 50 °C Operating: 0 °C to 45 °C Humidity: 0 to 90 %RH non-condensing</p> <p>VERSION: Hardware: Issue 2 Firmware: v1.27 or greater</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Key Features

- Fully programmable
- Dynamic graphics
- Alarm Handling
- Logging
- Time Scheduling
- Optimisers
- Lon & Trend Comms
- Up to 4096 Network Variables

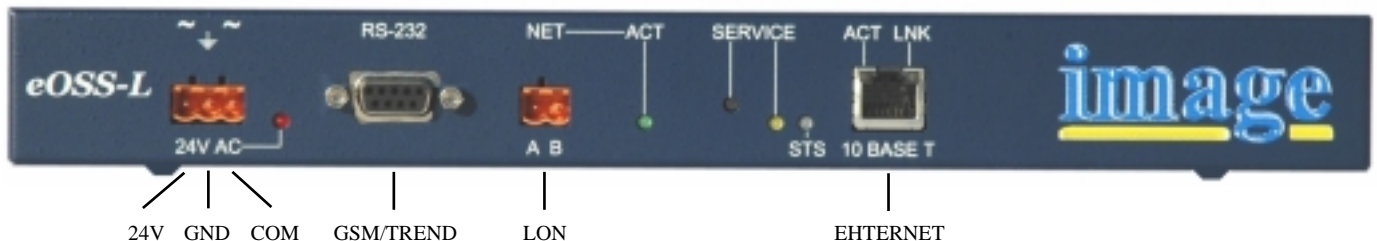


Image Control Design Limited
www.imagecontrol.co.uk