

MIC EEC - Expert Energy Control Refrigeration Data Network

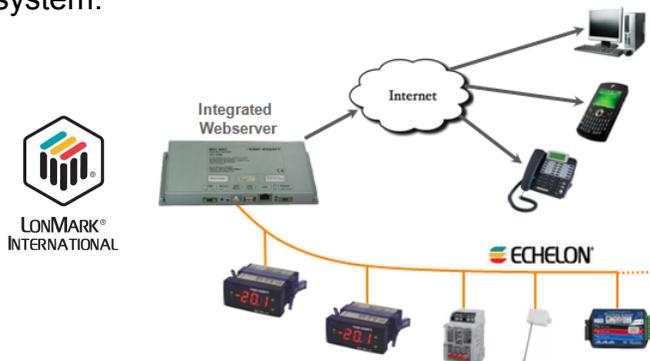
System Summary

The MIC EEC refrigeration data network system is an integrated webserver appliance that interrogates all networked MIC QKL e3 controllers, and other Echelon-compatible devices, and aggregates operating performance data from all “nodes” connected to the system. Utilizing the webserver’s imbedded application program, users can assess current system’s operating status, and track operating trends, for all networked devices. What’s more, users can adjust operating conditions, clear alerts, and initiate refrigeration system processes, remotely.



The MIC EEC’s application program incorporated 3-levels of progressively restrictive user access, with password protection, so that only authorized users may assess and change critical network and refrigeration systems settings.

Performance data may be output, either automatically or manually, via standard text and .csv file formats, for the ultimate in flexibility of generating customized reports. What’s more, standard refrigeration performance and HACCP compliant reports are available directly from the system.



System Benefits

As a result, users can:

- **Effectively monitor and manage refrigeration systems, anytime-anywhere**
- **Conveniently assess and track refrigeration systems efficiency and performance trends**
- **Insure the integrity of refrigerated goods by responding immediately to refrigeration component anomalies**
- **Reduce costs associated with collecting, tracking and maintaining refrigerated goods safety compliance records**

Users can also automate the monitoring and management of value-added manufacturing activities and processes.

Technical Specifications

Supply voltage	24 V ± DC, typ. 8 W
Ambient temperature	Operation -4 °F to 122 °F
Atmospheric moisture	< 90% relative, non-condensing
Processor	Intel® XScale® CPU @ 520 Mhz
Operating system	Windows® Embedded CE 6.0
Storage	64MB SD RAM
Flash	32MB Flash Disk, Internal SD/MMC extension slot
Cooling	Fanless cooling
Terminals	2-pin Phoenix plug MC 1.5/2-STF-3.5
Communication interface	1x 10/100 web server)Mbit/s Ethernet (integrated web server) 1x USB-1.1 Host Interface, max. 500 mA 1x USB-Slave Port 1x LON TP/FT10 Interface (connection to LON-network)