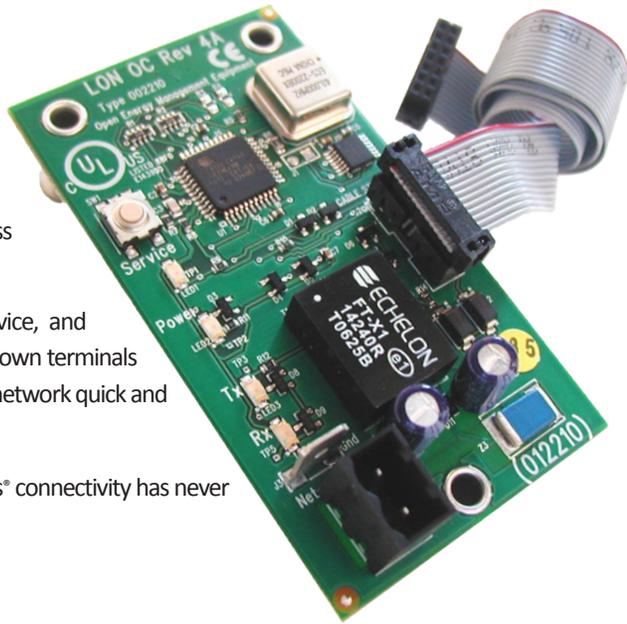# LonWorks Protocol Option Card

Connect simply to any network requiring LonWorks® communication with the LonWorks Option Card. With built-in compatibility to OEMCtrl's line of I/O controllers and protocol converters, the LonWorks Option Card allows for up to 62 network variables over Echelon's Free Typology tranceiver technology. It utilizes Echelon's ShortStack Micro Server platform to allow for consistent seemless integration into LonWorks® networks.

The LonWorks Option Card is equipped with LEDs for power, service, and communications (TX and RX) for convenient troubleshooting. Screw down terminals and built-iin standoffs make mounting and connecting to the building network quick and simple.

With all these features in a cost effective package adding on LonWorks® connectivity has never been simpler.

Key Features and Benefits

- Compatible with I/O Zone, I/O Flex, and I/O Pro Controllers.

- Up to 62 network variables

- Fully compatible with the TP/FT-10 channel and devices using Echelon's FTT-10A Free Typology

- Unique 48-bit Neuron ID in each LonWorks Option Card for network installation and management

- Supports polarity insensitive free tyoplogy star, daisy chain bus, loop, or mixed topology wiring

Specifications

Power	Supplied by the ribbon cable (+12Vdc @ 250mA) attached to the OEMCtrl controller
Hardware Compatibility	All OEMCtrl controllers equipped with a a Lon Option Comm Port
Operating Range	-40° to 150°F (-40° to 65.6°C), 10%-90% RH non-condensing
Status Indication	LED indication for power, service, TX and RX
Protection	• Echelon-recommended ESD/surge protection • DC blocking capacitors for compatibility with free topology link power transceivers
Listed by	UL 916 (PAZX), CE (1997), FCC Part 15-Subpart B-Class A
Mounting	Standoffs provided. Ribbon cable provided is 10"
Overall Dimensions	1-13/16" (width) by 3-1/4" (height) by 1-1/2" (depth) 46mm (width) by 82.5mm (height) by 38mm (depth)

OEMCtrl®