

# LINQ2

## Network Communication Module

### Description

Altronix LINQ2 network module is designed to interface with eFlow Series, MaximalF Series, and Trove Series power supply/chargers. It enables power supply status monitoring and control of two (2) eFlow power supply/chargers over a LAN/WAN or USB connection. LINQ2 provides values on demand for AC fault status, DC current and voltage, as well as Battery fault status, and reports conditions via email and Windows Dashboard Alert. LINQ2 can also be used as a standalone network controlled relay powered from any 12VDC to 24VDC power supply. Two separate networked relays can be used for variety of applications, such as: reset an access control system or gate operator, CCTV camera power, trigger camera to start recording, initiate remote test sequence of security system, or trigger HVAC system.



LINQ2

### Key Features

- Management interface for up to two (2) eFlow power supply/chargers.
- Two (2) network controlled Form “C” relays.
- Three (3) monitored input triggers
- Management interface software included (USB flash drive).
- Includes interface cables and mounting bracket.
- UL Listed in the U.S. and Canada.
- Lifetime Warranty / Made in the U.S.A.

### Status Screen (Example)

The screenshot shows the 'eFlow Management Interface v3.4' web application. At the top, it displays the Altronix logo and 'eFLOW Management Interface' with 'LINQ' branding. The firmware version is 'EFLOW VER: 1.1.6' and the MAC address is 'BC-34-00-30-20-93'. Below this, there are fields for 'Device IP Address' (192.168.168.168), 'Local IP Address' (192.168.168.196), 'SNMP Port' (161), and 'SNMP Trap Messages Port' (162). A 'Connect via USB' button is also present.

The main content area has tabs for 'Status', 'Setup', 'Network Settings', 'Trap Messages', and 'Events Log'. The 'Status' tab is active, showing the following information:

- Site ID: Altronix Site ID
- Date/Time: Friday, 19 September 2014 [ 11:55 AM ]

There are two power supply status sections:

**Power Supply 1**

| Voltage   | Current  | AC Status | Battery Status | Service Battery On |
|-----------|----------|-----------|----------------|--------------------|
| 13.15 VDC | 0.07 AMP | OK        | FAIL           | Jun 6, 2018        |

**Power Supply 2**

| Voltage   | Current  | AC Status | Battery Status | Service Battery On |
|-----------|----------|-----------|----------------|--------------------|
| 25.15 VDC | 5.07 AMP | OK        | FAIL           | Jun 6, 2018        |

Unit Temperature : 32.9° C

At the bottom, it shows: Local IP Address : 192.168.168.196 Connected To Device : 192.168.168.168 SNMP Port : 161 Trap Port : 162 <-> Trap Receiver Local Host [192.168.168.196]



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### Specifications

#### Input

Current consumption 100mA to be subtracted from the eFlow power supply's output.  
[COM1 & COM0] ports are currently disabled, reserved for future use.  
Visit [www.altronix.com](http://www.altronix.com) for latest software updates.

#### Outputs

Power output(s) can be locally or remotely controlled.

#### Status Monitoring

AC status.  
Output current draw.  
Unit's temperature.  
DC output voltage.  
Low Battery/Battery presence detection.  
Input trigger state change.  
Output (relay and power supply) state change.

#### Programming

Battery service date indication.  
Programmable via USB or web browser.  
Automated timed events:  
- Control output relays and power supply via flexible timing parameter.

#### Reporting

Programmable dashboard notifications.  
E-mail notification selectable by event.  
Event log tracks history (100+ events).

#### Indicators (LED)

Blue LED: Power ON.

#### Agency Listings

##### UL

UL 294 Access Control System Units.  
UL 603 Power Supplies for Use with Burglar-Alarms Systems.  
UL 1481 Power Supplies for Fire Protective Signaling Systems.

##### cUL

ULC-S318-96 Power Supplies for Burglar Alarm Systems. Also suitable for Access Control.  
ULC-S318-05 Power Supplies for Electronic Access Control Systems.

#### Physical and Environmental

##### Dimensions with Mounting Bracket (W x L x H)

3.65" x 3.25" x 0.96" (92.7mm x 82.55mm x 24.4mm).

##### Weight (approx.)

Product Weight: 0.4 lbs. (0.18 kg).  
Shipping Weight: 0.7 lbs. (0.32 kg).

##### Temperature

Operating: 0°C to 49°C (32°F to 120.2°F).  
Storage: -30°C to 70°C (-22° to 158°F).

Relative Humidity 85% +/-5%.

##### Operating Altitude:

-304.8 to 3,048m (-1,000 to 10,000 ft.).