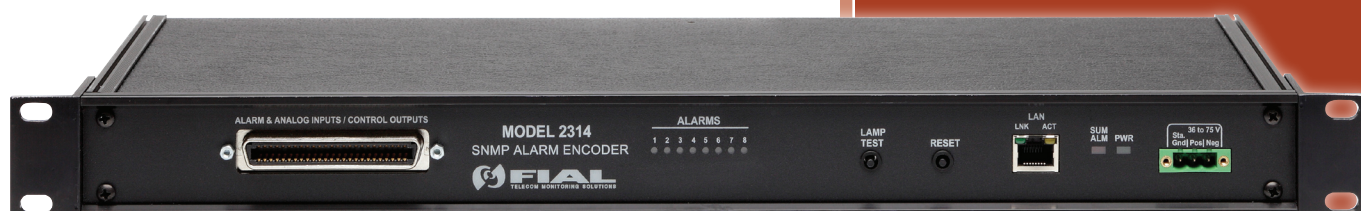


SNMP Alarm Encoder Model 2314

- Add SNMPv2 Alarms and Controls to existing IP network
- Configure, control and view local status with a web browser (HTTP & HTTPS)
- Fully compatible with existing LAN/WAN IP networks
- Contact closure, analog threshold and virtual alarms with SNMP traps and tables
- Allows remote control via SNMP sets and via a web browser
- Analog input voltage table with high and low threshold alarms
- 8 Front panel alarm LEDs
- Real time clock with battery backup, Network Time Protocol synchronization

Key Features:

- SNMPv2 Alarm and Control
- Configurable over the IP Network
- Ethernet 10/100baseT Port
- 8 Opto-isolated Alarm Inputs
- 4 Control Outputs (Form C)
- 1 Alarm Summary Output
- 8 Analog Inputs (may be paired for differential)
- Up to 16 Virtual (Boolean) Alarms
- Event Log
- Multiple web logins for admin, control, or view-only
- 48 Volt DC powered



Model 2314 Characteristics

Ethernet Interface

LAN Port	10/100baseT RJ45 Female
Performance Data	Packets, buffers, comm errors (MIBII)

LED Indicators

Power (green)
 Summary alarm (red)
 LAN port activity (green and amber)
 8 Alarm states (red)

Craft Configuration Port

RJ45	RS-232, 9,600 baud 8/N/1, no flow control
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Power

Input Power	48 VDC, floating
Power Consumption	4 to 7 Watts
Power Connection	3 Pin Terminal block (+, -, chassis ground)

Environmental

Operating Temperature	0° to +50° C
Humidity Range	5% to 95%, Non-condensing
Storage Temperature	-40° to +70° C

Physical Characteristics

Shelf Size	1.75" H (1 RU), 19" W, 6" D
Rack Mounting	Flush, or 1 3/4" projection
Shelf Weight	3.5 pounds

Virtual Alarms

16 virtual (Boolean) alarms can be created combining external alarms, control states and analog threshold violations

Alarm Inputs

8, Opto-isolated, 22 kΩ pullups
 to station battery
 Programmable Alarm severities
 Programmable alarm delay before assertion

Control Outputs

4 Form C relays, momentary or on/off
 1 Alarm summary Form C relay
 Relays have 1-Amp DC contacts

Analog Voltages

8 ground-referenced, single-ended inputs
 (or pair inputs for up to 4 differential inputs)

Alarm/Control/Analog Connector

Industry standard 50-pin female Champ connector with Velcro quick-disconnect retainer, or screw retainer

Optional 25-pair cable and pre-wired 66-block with cover and legend

Fial Incorporated has developed a nationwide reputation for the design of microprocessor-controlled hardware and the development of software for custom applications at a competitive price.

We have been in business since 1978 with one basic objective: to provide functional, cost-effective solutions while maintaining strong communication links with every customer.

Fial Incorporated's products encompass a wide range of telecommunications alarm monitoring equipment and support multiple protocols, including SNMP, TL1, MCS-11, FarScan™, Badger, TBOS, ELMC and others. Our devices include protocol converters, remote encoders, synchronous packet data bridges, baseband and IF protection switch products, and other specialized equipment.

