

DiaLog Elite™

REMOTE MONITORING FOR LARGE SYSTEMS

INDUSTRIAL, MUNICIPAL AND COMMERCIAL APPLICATIONS

HIGHLIGHTS

- The unit (formerly Antx DiaLog Elite) can be configured with any combination of digital and analog inputs, relay outputs and Modbus I/O to match customer requirements
- Upgrades can be completed in the field
- Event log stores and time stamps all alarms, acknowledgments, calls and changes to programming for local printing or saving to a file

FEATURES

- Continuous monitoring of up to 48 dry contacts, digital or analog inputs in any combination
- Can be programmed locally via the keypad or laptop or programmed remotely via a phone or PC
- Remote alarm notification to phones and cell phones
- All options are field upgradeable without returning the unit to the factory
- Alarm on conditions: change of state, limits, rates of change and run-time or cycle limits
- Control individual relay outputs based on input channel conditions
- Pre-programmed or user-spoken messages for unique alarm notification for each condition
- SCADA capabilities using Modbus RTU Slave option, giving you complete access to all inputs and outputs through an RS-232/485 connection
- Modbus RTU Master option allows for reading/writing and alarming on PLC data over a serial connection between the Elite and a PLC

ALARM TYPE / NOTIFICATIONS

Alarm Types

On/Off cycles
 Run-time limits
 Pulse and flow totalization
 Duration
 High or low analog limit
 Positive and negative rates of change

Alarm Notifications

Voice messages over standard phone line to cell phones
 Messages to alpha-numeric pagers

Local System Status

LEDs indicate channel alarms and acknowledged alarms





TECHNICAL DATA AND SPECIFICATIONS

Digital	8-48, 8 per card, dry contact or digital 5-24V, NO/NC
Analog	8-48 8 per card, 4-20 mA, 0-1V, 1-5V, 1-10V
Relays	4-24, 4 per card, 8 A at 125 VAC, 5 A at 30 VDC
Communication Ports	1 RS-232 male / 485 plug-terminal 2 RS-232 plug-terminal
Registrations and Approvals	FCC Part 15, Class B and Part 68 NRTL listed for US and Canada Safety tested to UL 60950, IEC 60950, CSA C22.2 Industry Canada CS03, CE Mark
Enclosure	NEMA 4X or Panel / Flush mount
Dimensions	NEMA 4 X: 12.0" W x 13.75" H x 6.25" D Panel / Flush Mount: 10.25" W x 12.5" H x 5.0" D
Weight	15.1 lbs. (6.9kg)
Temperature	Temperature (electronics): -40°F to 158°F (-40°C to 70°C) Operating Humidity: 0-90% non-condensing @ 104°F
Electrical	Power Requirements: 100/240 VAC, 50/60Hz, 1.5/0.7amps Maximum current draw on DC power: 850 mA at 15-24 VDC Internal Battery: 12V 24-hour rechargeable sealed lead-acid
Warranty	Five-year limited warranty



North America: +1.234.806.0018 | Sales.US@Cattron.com
 Europe: +49.2151.4795.0 | Sales.EU@Cattron.com
 UK: +44.1932.238121 | Sales.UK@Cattron.com
 South America: +55.19.3518.7030 | Sales.BR@Cattron.com
 Asia: Sales.CN@Cattron.com



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