

# THOR

DIGITAL MONITOR  
MODEL L200

## Remote Monitoring, Reporting, Alerting and Management of your Analog Sensors / Dry Contacts / Modbus Pyxis brand sensors

Introducing THOR Digital Monitor. THOR Digital Monitors are equipped with Cellular and LAN communications as standard features and are integrated with ZEUS Cloud software. The THOR Digital Monitor is a simple plug and play device that will get you running in no time!

From a single installation to enterprise deployments, ZEUS and THOR are what you have been looking for providing a complete solution. ZEUS comes with free Android and iOS mobile apps so you can manage your THOR devices while you are on the go.

### FEATURES

- Digital Ready Monitor integrated with ZEUS Cloud Software
- Supports traditional analog inputs
- Server based notifications. Manage all of your notification settings for all of your monitors from ZEUS cloud software. No mail servers to configure
- Private and Secure Communication Network Services
- Wide range of feed control options
- Remote programming and monitoring – computer and mobile app
- Intuitive programming
- Ethernet and WiFi enabled
- Automatic remote firmware updates
- Simplified ordering
- SNAPSHOT - dynamic graphing and data analysis tool
- Android and iOS mobile apps so you can manage on the go

### APPLICATION

THOR Digital Monitors can be configured to monitor, report and alarm for a wide variety of sensors and conditions. Using ZEUS cloud management software, remote access and management is available anytime accessible from anywhere.

The THOR Digital Monitor, in addition to monitoring sensor inputs, also does double duty as a Gateway. The THOR L200 can be connected to existing controllers as a gateway while offering additional monitoring capabilities all at the same time.

Single and Enterprise industrial applications can be monitored and viewed with ZEUS software. Reporting, analytics, data logging, data export and more are always at your fingertips.



### DIGITAL PROBE BENEFITS

- Supports Pyxis Brand Digital Sensors – set up is a snap
- Probe level diagnostics – sensor state, calibration history, days in service and more...
- Programming and calibration functionality is integrated with THOR - no extra hardware or software is required.

Over



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## MONITOR FUNCTIONS

- Analog inputs: 4-20mA loop powered sensors
- Software configured Dry Contact sensors. Contact / Pulse / hZ (variable K Factor)
- Pyxis Brand Modbus Probes equipped with ERP Firmware
- Built in cellular communication, no gateway is required
- Built in gateway with port forwarding – works as a gateway and monitor in one device
- Server based Notifications
- Data Logging with data export
- Remote firmware updates
- Secure private cellular network
- Free Android and iOS mobile apps

## TECHNICAL SPECIFICATIONS

### Operational

- CAT 1 cellular modem with dual antenna
- Ethernet (rj45) – default DHCP
- User configurable IP settings – supports static IP
- 4 - 20 Character LCD Screen
- 1 Ethernet port
- 1 RS232 Port (rj45)

### Mechanical:

- Enclosure: 304 Stainless steel welded construction
- Nema 4x: paddle lock loop latches
- Dimensions: 10x10x4
- Shipping weight: approx. 7 lbs.

### Electrical

- Input: 100 - 125 VAC 50/60Hz
- Loop Power: 24vdc at 2.5 amps – max 58 watts

### Environmental

- Ambient temperature: 0°- 50° C
- Relative Humidity: 0 -90% non-condensing

## UNIVERSAL SENSOR INPUT

- Supports most 24vdc loop powered sensors
- Supports dry contact (pulse, hZ, pulse width, contact)
- Pyxis Digital Sensors (ERP firmware required)

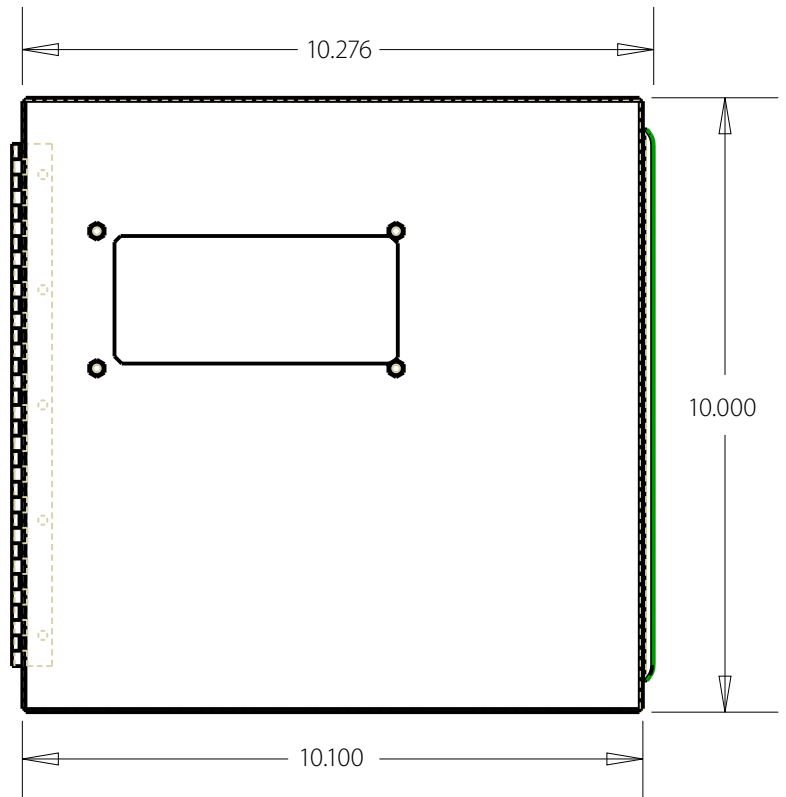
## INPUTS / OUTPUTS

### Inputs

- Up to 8 Pyxis Digital Sensors
- 4 Dry contacts (software configured)
- 4 Analog Inputs: 2, 3 and 4 wire

### Outputs

- Re-Transmit 4-20mA (Analog module required, sold separately)



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