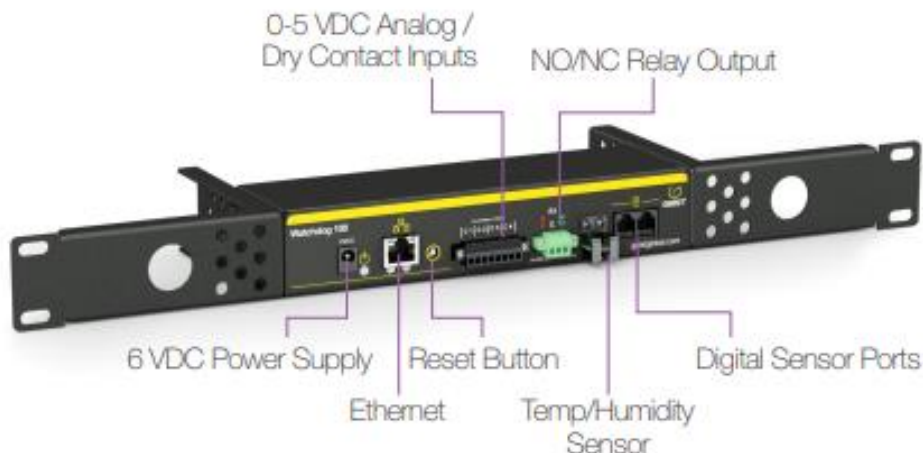


Belden Specification

9318-0521 – Environmental Monitor (No PoE / Universal Power Supply)

9318-0523 – Environmental Monitor (PoE / No Power Supply)

9318-0543 – Environmental Monitor (PoE / North American Power Supply)



The Watchdog 100 is a self-contained unit with an on-board temperature/humidity/ dew point sensor. It has an input capacity of eight external sensors and relay output for triggering external devices, such as an auto-dialer.




- Four analog inputs for dry-contact or 0-5 VDC sensors
- Plug-n-Play Port (Connect up to four sensors by daisy-chaining or using a splitter)
- Configure alerts via email, email-to-SMS, SNMP and voice*
- Dry-contact relay output for external device control

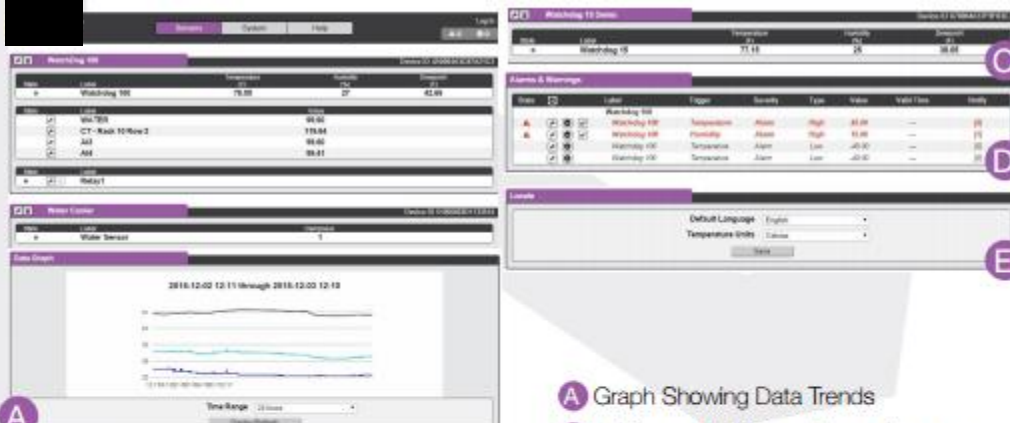
Firmware Features

- Real-Time Sensor Data Feeds
- Data Logging & Graphing
- CSV & JSON Data Logs
- SNMP (v1, v2c, v3)
- Email & Email-to-SMS Alerts
- Alarm Escalations
- Alarm Repeat and Delay
- Alarm Valid Hours
- 3 Access Account Levels
- Display in Metric or Imperial
- Multiple Languages
- Encryption via TLS/SSL
- Interface with IP Surveillance Cameras
- Remote Firmware Updates

Belden Specification


Specifications

On-Board Sensors	
Temperature	
Range	-20 to 85°C (-4 to 185°F)*
Accuracy (typical)	± 0.3°C (± 0.5°F)
Relative Humidity	
Range	0 to 100% RH
Accuracy (typical)	± 2.0% RH
Dewpoint	Calculated value, based on temperature & humidity
Hardware Features	
Ethernet	10/100 Mbps
Power	
Input	6 - 12 VDC (250mA typ., 350mA max.)
Power Supply Options	North American, British, Universal, None
Power Over Ethernet	IEEE802.3af (Watchdog 100-P Only)
"Reset" Button	Restore all to factory defaults
Physical	
Dimensions (WxHxD)	8.55" (21.6 cm) x 2.5" (6.35 cm) x 1.13" (2.87 cm) With Included Mounting Brackets- 19" W (48.26 cm)
Weight	2 lbs (0.9 kg)
Mounting	Use Provided Brackets
Warranty	
1 Year Standard Warranty	
Regulatory	
  	



The screenshot displays the Belden monitoring software interface. It includes a top navigation bar with 'Home', 'Custom', and 'Help' options. The main area is divided into several sections: 'Monitoring 100' showing a table of sensor data (Temp, Humidity, Dewpoint), 'Monitoring 10' showing a table of sensor data (Temp, Humidity, Dewpoint), 'Alarms & Warnings' showing a table of alarm events (Label, Trigger, Severity, Type, Value, Valid Time, Status), and 'Settings' showing configuration options for Default Language and Temperature Units. A graph at the bottom left shows data trends over time.

- A** Graph Showing Data Trends
- B** Interface with IP Surveillance Cameras
- C** Live Sensor Values and Logging
- D** Alarming
- E** International Support



Four small images showing the device installed in various environments: a server rack, a control room, a warehouse, and a data center.

Belden Specification



To ensure customer satisfaction with this product, prior to acceptance of an order, Belden requires a signature of approval for the specification above.

Company: _____

Authorized
Customer Signature: _____ Date: _____