



F200

Facility Monitoring and Single Zone Leak Detection

Miscellaneous Devices

Applications

- Server racks
- Data cabinets and closets
- Telecommunications shelters

Key Features

- Monitors:
 - Four 1-wire sensors
 - Eight digital inputs
 - One zone of leak detection
- Plug-and-Play installation and setup
- USB powered
- Web-accessible with a clean, easy to use, mobile-friendly web interface
- Timekeeping via RTC or NTP
- Modbus output enables simple integration to a Building Management System (BMS)



Designed To Be Simple, Effective, And Efficient

This innovative, affordable product couples leak detection and facility monitoring in one plug-and-play package.

What Sets The F200 Apart?

- **1-wire and digital inputs** let you tailor the F200 to monitor your environmental needs; connect four 1-wire sensors (temp or temp/humidity) and eight digital inputs
- **Use one zone of leak detection** to supervise an SD-Z1 spot detector or up to 200 feet of our patented leak detection sensing cable and inline SD-Z spot detectors
- **A relay output** can control an external device in the event of an alarm condition
- **Multiple alarm notification configurations** including audible and visible indicators, integrated web interface, email messaging, and SNMP traps
- **Integrated Logging and Customizable Trending** – Trending data is available as a downloadable CSV file

F200 • Compatible with RJ11-T and RJ11-TH sensors and RLE leak detection products

| Product Codes | |
|---------------|---|
| F200 | Monitoring Appliance; 8DI, 4 RJ-11 inputs, Single Zone leak detection input. 12V boost converter for dry contacts, includes standard USB-A to mini-B cable, 5VDC USB wall adapter w/ type A, C G & I adapter blades |
| F200-RMB | F200 rack mount bracket; 19in/482mm; one F200-RMB can accommodate two F200 units |
| RJ11-TS | F200 temperature sensor; 25ft leader cable with RJ-11 connector |
| RJ11-THS | F200 temperature and humidity sensor; 25ft leader cable with RJ-11 connector |

| Technical Specifications | |
|--|--|
| Power | (US) 5VDC @ 500mA max.; 110/240VAC 50/60Hz; Wall adapter (Type A blade) to USB connector, with Type C, G, and I blades for international use(included) |
| Included Accessories | USB (Type A) power adapter with Type C, G, and I blades included; and USB mini B to USB A cable |
| Wired Inputs | 4 1-wire digital temperature or 1-wire digital temperature/humidity sensor inputs; plug-and-play; configurable alarm points |
| Temperature/Humidity Digital (Dry Contact) | 8 digital alarm points; configurable |
| Sensing Cable | One zone leak detection, compatible with all SeaHawk sensing cables and SD-Z and SD-Z1 spot detectors |
| Cable Input | 15ft (4.57m) leader cable and EOL (LC-KIT; not included), or wire one SD-Z1 directly to the F200 |
| Maximum Length | 200ft (61m) of sensing cable |
| Relay Output | 1 Form C summary relay; 2A @ 30VDC, 0.5A @125VAC. Configurable as summary alarm output or manual operation. |
| Alarm Notification | Audible alarm, visible LED |
| Panel | Dashboard overview with alarm indicators |
| Integrated Web Interface | Up to 8 email recipients; email sent on alarm to all recipients, distribution list, or email-to-SMS |
| Email | Multiple community strings |
| SNMP Traps | 1 Form C summary relay output |
| Relay | |
| Web Interface Login Security | 8 password read only users; 8 password read/write users |
| Communication Port | |
| Ethernet | 10/100 BaseT, RJ45 connector; 500VAC RMS isolation; DHCP capable; Static IP-addressable |
| Protocols | |
| TCP/IP | ARP; DNS; UDP; DHCP |
| HTML | Supports multiple simultaneous connections |
| SMTP (email) | SMTP authentication; supports SSLv3 RSA:RC4-128:MD5; up to 8 recipients |
| Modbus TCP/IP | Modbus slave; TCP/IP transmission protocol |
| SNMP | V1; V2C MIB-2 compliant; NMS manageable with Get and Traps: V2C Get, V2C and V1 Traps |
| Timekeeping | Onboard configurable real-time clock (RTC); Network Time Protocol (NTP) capable (internet access required for NTP). |
| Logging | Logs 50 most recent alarm and return to normal events with date/time stamp. |
| Trending | Records up to 86,400 points of sensor data. Sample interval set from 10 seconds to 1 day. CSV downloadable. |
| Operating Environment | |
| Temperature | -13°F to 158°F (-25°C to 70°C) |
| Humidity | 5% to 95% RH, non-condensing |
| Altitude | 15,000ft (4,572m) max. |
| Storage Environment | |
| | -40°F to 185°F (-40°C to 85°C) |
| Dimensions | 5.63"W x 1.00"H x 2.63"D (143mmW x 25mmH x 67mmD) |
| Weight | 10.1 oz. (287g) |
| Mounting | Stand alone; keyholes included for wall mount; rack mount bracket available |
| Certifications | CE; ETL listed: conforms to UL 61010-1, EN 61010-1; certified to CSA C22.2 NO. 61010-1; RoHS compliant |



F200 Front Connections



F200 Back Connections



Optional Rack Mount Bracket