interSeptor

Environmental Monitoring System for Data Centres, IT Rooms and Racks

Effective monitoring of IT environments is critical to any successful business continuity strategy. interSeptor provides a sophisticated, yet cost-effective method of remotely monitoring temperature, humidity and a whole variety of status conditions including water leaks, smoke, UPS, generators, voltage and security.

Key Features

- Remote temperature/humidity monitoring across Ethernet network
- Provision to connect 2 x Go-Probe interSeptor sensors (water, smoke, security, etc.)
- Capacity to connect an additional temperature/humidity sensor and 2 further Go-Probe sensors
- 10/100Mbps auto-sensing
- Monitoring via web browser or SNMP network management system
- Email alarm notification with optional SMS, voice alarm messaging (using Jacarta Alert Centre facility)
- Alarm schedule facility to enable alerts to be sent only when required
- Extensive on-board data logging and graphing.

interSeptor is a 10/100 Ethernet device that can be monitored via the network. High and low critical/warning thresholds can be set to ensure early notification of air conditioning failure and other potentially disastrous environmental problems.

interSeptor is the key to providing early warning of potentially catastrophic conditions that may be developing in critical environments. Configuration can be quickly carried out via Telnet, serial connection or browser interface, and monitoring handled via the browser or a network management system.

Uniquely, interSeptor's optional Go-Probe sensors can be attached to the remote temperature/humidity sensor to minimise cabling runs and installation time.

Extra facilities such as SNMP, DHCP and daily status reporting, make the interSeptor just about the most complete remote environmental monitoring product of it's kind worldwide.
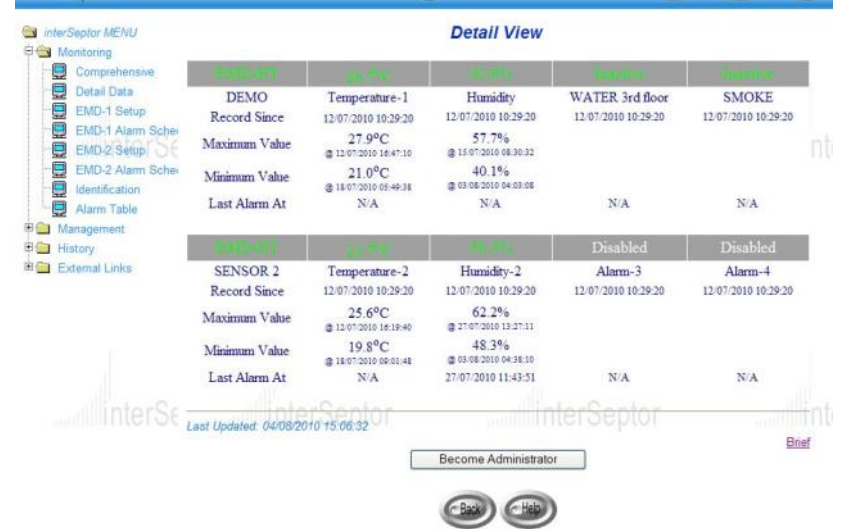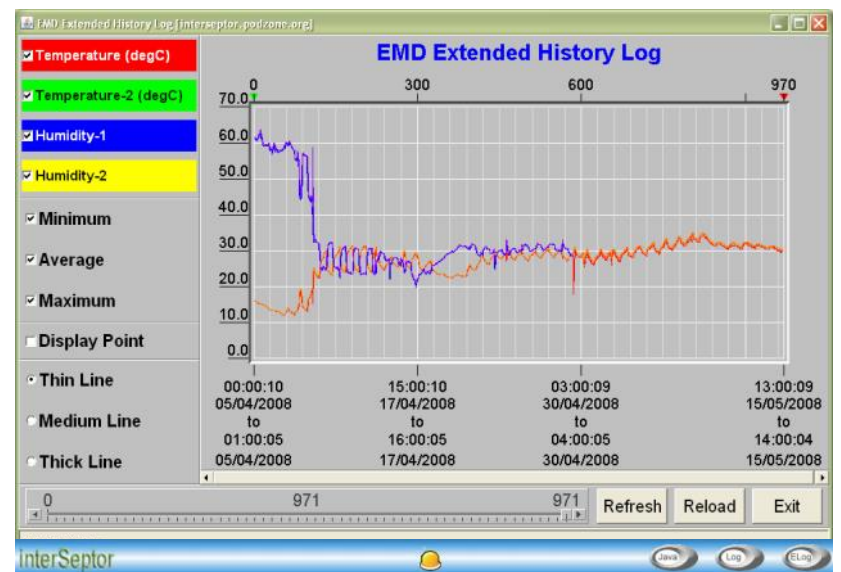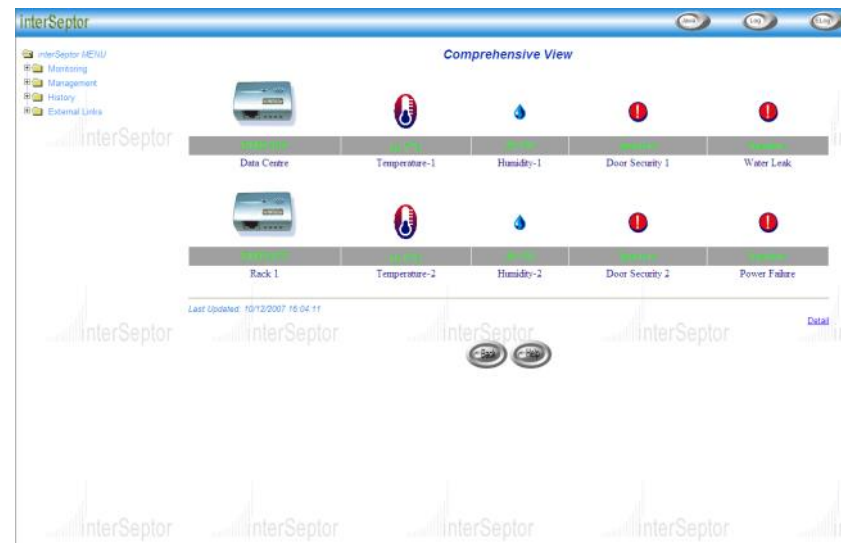
Email Alerts

interSeptor can be configured to email up to 12 recipients in the event of an alarm condition. It is possible to configure this facility so that different recipients receive different types of alarm messages if required (e.g. informational, warning, etc.). It is even possible to send interSeptor current status reports to email recipients on a daily basis. The interSeptor can use any standard SMTP Mail Server to relay email alerts in the event of alarm conditions. If you use an encrypted hosted email exchange – such as Office 365 or Gmail – please contact us for further information and to confirm compatibility before purchasing.

Java Viewer

interSeptor's Java viewer provides an effective visual monitor, accessible via the browser interface. Real-time information can be viewed in graph or meter mode.

Logging/Graphing

The capacity to extensively log environmental information and events via interSeptor ensures that on-going problematic conditions can be analysed in detail and remedial action taken. This facility can even help to identify heating and cooling inefficiencies and reduce costs. All interSeptor log information can be imported into popular spreadsheet programs such as Excel.

interSeptor—Specifications

- Network: 10/100Mbps Ethernet (auto-sense)
- Sensors: Temperature/Humidity plus 2 Go-Probe sensors
- Optional Equipment: 1 x Temperature/Humidity sensor plus up to 4 x Go-Probe sensors

- Configuration: Telnet, browser, Serial
- Monitoring: Browser, NMS (up to 8 workstations)

- Dimensions (cm): 2.6 (h) x 13.1 (w) x 8.7 (d)
- Weight: 110

- Power: 12VDC

- LED: Power, Status, 10/100 link
- Firmware Upgrade: Via Network or Serial Connection
- System Security: IP-based filtering and password protection

- Alert Configuration:
  1. Temperature/humidity: High/low warning and critical thresholds—user configurable.
  2. Go-Probe Sensors: Normally open/closed or high/low active—user configurable.
- Logging: Historical event and status logs
- Log Interval: User configurable
- Graphs: Real-time and historical
- Go-Probe Sensors:
  - Water leak with 3-18m sensor Cable
  - Security Contact (door open)
  - Power Fail
  - Smoke
  - Universal Dry Contact sensor (normally open/closed or high/low)

- Warranty: 2 Years