interSeptor

Alert Centre Global Compatible

Environmental Monitoring System for Data Centres, Server Rooms, 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, power fail and security.
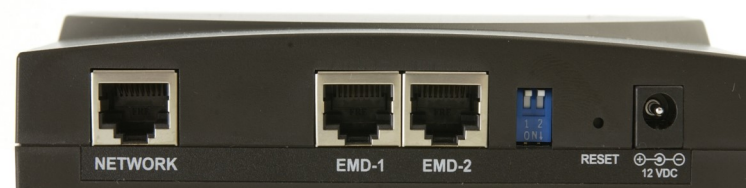

interSeptor is a small network environmental monitoring system. High and low critical/warning thresholds can be set to ensure early notification of air conditioning failure and other potentially disastrous environmental problems. Alarm notifications are sent via Email and SNMP with the option to add SMS Text and Telephone Voice alerts.

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.

Key Features

- Remote temperature/humidity monitoring across ethernet network
- Provision to connect 2 x Go-Probe 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 & SNMP alarm notification with optional SMS & Telephone Voice messaging (using Jacarta Alert Centre Global facility)
- Alarm schedule facility to enable alerts to be sent only when required
- On-board data logging

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 also 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.
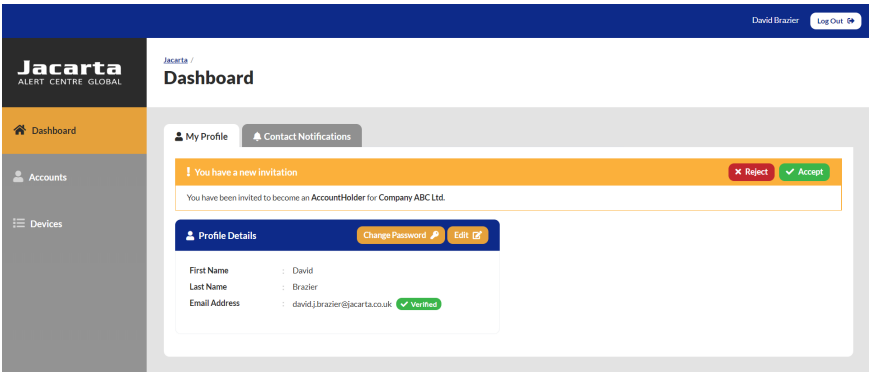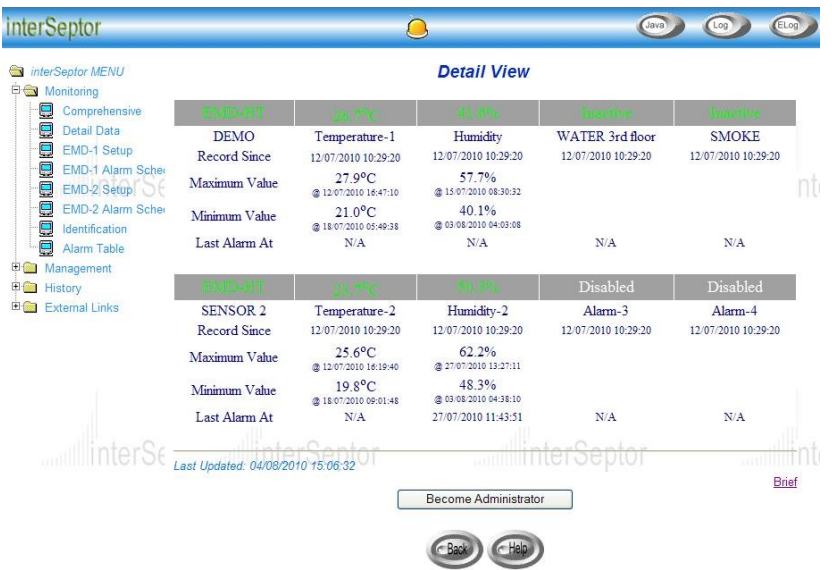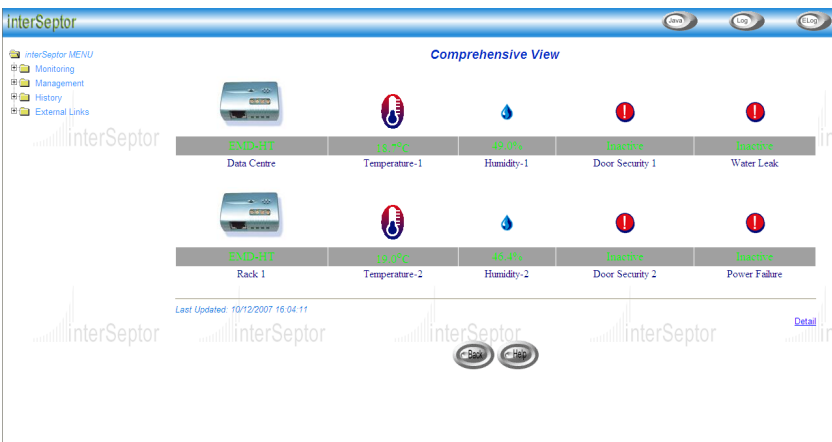
If you use an encrypted hosted email exchange – such as Office 365 or Gmail – please contact us for further information and to confirm compatibility before purchasing.

Data Logging

Data collected by interSeptor is stored for analysis and auditing purposes. Daily logs can be emailed to users or downloaded via the web-browser interface. Logs are provided in .csv format for simple integration into third-party software such as Excel.

Alert Centre Global Compatibility

interSeptor is also fully compatible with the Jacarta Alert Centre Global subscription service providing escalated Telephone Voice, SMS Text and Email alarm notifications for 24/7 alerting.

The Alert Centre Global online portal allows users to easily manage personal contact details and alerting preferences.

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 (SNMP)

- **Dimensions (cm):** 2.6 (h) x 13.1 (w) x 8.7 (d)
- **Weight (g):** 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 up to 30m sensor cable
  - Security Contact (door open)
  - Power Fail
  - Smoke
  - Universal Dry Contact sensor (normally open/closed or high/low)

- **Warranty:** 2 Years