

## Opengate Product Brochure

### SITEX EM ENVIRONMENT MONITORING

Effective environment monitoring with visibility to critical alarms and events over Ethernet

Opengate Data Systems provides information necessary to ensure a stable environment for high density IT equipment. To improve availability and reduce operating costs, visibility to critical information over Ethernet is necessary.

Ensure data center performance with up to 16 temperature and humidity sensors plus three additional I/O ports for water, smoke, and door open position sensors in a 1U rack-mount device.

Monitor using HTTP, HTTPS, XML or SNMP. Assign network properties using the configuration page or use DHCP to automatically connect to your network.

### SiteX EM Web & SNMP Software Logs Interface

Environment Monitor  
IP Address: 76.79.48.126  
Date: Tue, 2 Dec 8:17:42 PM

SiteX HD™ v2.78  
Alternate Formats: PDA | WAP | XML | MIB

Sensors | Logs | Display | Alarms | Control

Screen refreshes automatically every 60 seconds.

Time Range: 1 Day

Update Graph

Environment Monitor  
ID 282EE20601000040  
Temperature   
IO-1   
IO-2   
IO-3

Temperature Sensor  
ID 770000011319A828  
Temperature

Update Graph

81  
80  
79  
78  
77  
76  
75  
74  
73  
72  
71  
70  
69

24h 20h 16h 12h 8h 4h 0h

Temperature Environment Monitor 72.95°F  
Temperature Temperature Sensor 71.82°F

### SiteX EM Environment Monitoring Hardware



### SiteX EM Web & SNMP Software Configuration Interface

**Network Configuration**

DHCP/BOOTP:  Enabled

Static IP Address: 76.79.48.126

Static Net Mask: 255.255.255.224

Static Gateway: 76.79.48.97

DNS Server: 76.85.228.100 (optional)

DNS Server, Backup: 76.85.228.101 (optional)

Telnet Service: Enabled

SNMP Service: Enabled

HTTP Services: HTTP and HTTPS

HTTP Server Port: 80

HTTPS Server Port: 443

**E-Mail Configuration**

Status Reports: Disabled

SMTP Server:

SMTP Port: 25

POP3 Server:

POP3 Port: 110

Authentication: None

Username: xxxxxxxx

Password: xxxxxxxx

"From" E-Mail Address:

"To" E-Mail Address(es):

One address per line, no commas or semicolons

PRODUCT SPECIFICATION  
EM7001B | AUGUST 2010

## SITEX EM Environment Monitoring

### Maximize Security with SiteX EM

Manage the IT environment for your critical equipment while providing visibility to information and alarms

Least complexity and lowest cost of any environment monitoring system

Ensure availability through early alarm notifications for environment through secure Ethernet connection - multiple email or SNMP trap recipients, with escalation

Real-time as well as historical environment monitoring detail allows for capacity planning

Reduce operating costs through effective analysis of your high density environment



Environment Monitor				
				ID 282EE20601000040
Sensor	Current	Low Trip	High Trip	Alarm State
Temperature	72.95°F	<input type="text" value="0"/>	<input type="text" value="0"/>	Disabled <input type="button" value="v"/>
IO-1	99	<input type="text" value="0"/>	<input type="text" value="0"/>	Disabled <input type="button" value="v"/>
IO-2	99	<input type="text" value="0"/>	<input type="text" value="0"/>	Disabled <input type="button" value="v"/>
IO-3	99	<input type="text" value="0"/>	<input type="text" value="0"/>	Disabled <input type="button" value="v"/>

  

Temperature Sensor				
				ID 770000011319A828
Sensor	Current	Low Trip	High Trip	Alarm State
Temperature	71.38°F	<input type="text" value="-20"/>	<input type="text" value="50"/>	Disabled <input type="button" value="v"/>

### SiteX EM Attachable Devices

EM160 shown with EMS40 Water Sensor and EMS40S Water Sensor Cable



EM160 shown with EMS10 Temperature Sensor and EMS15 Temperature/Humidity/Dew Point Sensor

Smoke, Door Contact and Web Camera not shown

### SiteX EM Models and Attachable Devices

EM160	Environment Monitoring 16 sensor ports + 3 I/O ports
EM160D	Environment Monitoring 5 sensor ports + 3 I/O ports
EMS10	Temperature Sensor, 12 Foot Cord [std or specify length]
EMS15	Temperature / Humidity / Dew point Sensor, 12 Foot Cord standard
EMS20	Temperature / Airflow Sensor, 12 Foot Cord standard
EMS30	Temperature / Airflow / Humidity Sensor, 12 Foot Cord standard
EMS40	Water Sensor, connect to I/O port
EMS40S	Water Sensor Cable, EM160 I/O port, 4 wires [specify water cable length]
EMS50	Smoke Sensor Kit, connect to I/O port, requires 120V source
EMS60	Door Open Sensor, connect to I/O port
EMS700	Video Camera, Web Enabled [multiple camera types available]