The power behind competitiveness

Delta InfraSuite Environment Management System

EnviroStation

Your first line of defense for data center security

Delta's Environment Management System (EMS) monitors the environment and conditions in the data center, including temperature, humidity, water leakage, alarms for fire, smoke, and unauthorized entry. The EMS offers IT managers an integrated platform for more convenient monitoring of today's data center.

EnviroStation integrates the monitoring of the data center's environment and other conditions, and sends the data to a central manager via network. User-defined alarms ensure the data center's security.

Easy to manage
- Assess and collect key data center information for enhanced management
- Real-time notification providing faster management response and more effective operations
- Setting manager password for higher security
- SNMP allowing easy integration with any enterprise management system

Convenience
- Monitoring via internet browser
- InfraSuite Manager remote monitoring software providing prompt handling of any data center situation
- Graphical interface and historical data records for more effective management
- Real-time alarm notifications shortening management response time

Flexibility
- Supports SNMP communication protocol
- Setting each alarm value based on actual requirements

Protocol:
- IPv4/ IPv6
- DHCP
- HTTP/ HTTPS
- SNMP v1/v3
- Telnet/ SSH
- FTP/ SFTP/ TFTP
- SMTP
- SNTP
- syslog
- RADIUS

Smarter. Greener. Together.

Delta InfraSuite Environment Management System

EnviroStation

Technical Specifications

Model		EMS2000
Input	Power	100~240 Vac, 50/60 Hz
	Digital Input (x4)	Wet Contact Signal
		• Alarm Voltage 5~24 Vdc, 1-9 mA
		Dry Contact Signal
		• Normal: Off (open circuit)
		• Alarm: On (short circuit)
	Analog Input (x2)	Voltage: 0~10Vdc
		Current: 4~20 mA
	Resistance Temperature Detection (x1)	Range: 0~50°C
		Accuracy: ± 1°C with 3-wire PT100
		Support 2-wire or 3-wire resistance
	Leakage (x1)	Detect Voltage < 1V
		(alarm signal with S-1FP leak sensor)
Output	Sensor HUB (x8)	For connection with sensor devices (such as smoke detectors, fire detectors, or door sensors, etc) and support:
		+ 12V, 0.8A (max)
		+ 24V, 1.0A (max)
		One port limit 0.6A
	Delta Bus (x1)	+ 12V, 0.8A (max)
	Relay Output (x2)	26 Vdc (max), 0.8A (max)
Network Connection	RJ45 (X1)	10/100 Base-T
	RS485 (X2)	Standard ModBus
	Console (X1)	Connect to PC via RJ-45 to DB9 cable (cable is included in the package)
		A configuration port is available for the console mode.
Alert	Warning Light (X1)	Included in the package and can connect to EMS2000 via a Sensor Hub converter (through Port 1 or Port 2) to alert for abnormal conditions.
Environment	Operating Temperature	0~45°C
	Storage Temperature	-20°C ~ 60°C
	Operating Humidity	0~ 90% RH (non-condensing)
Dimensions	W x D x H	440 x 157 x 44 mm
Weight	Net Weight	2.4 kg

• These specifications are subject to change without notice. Please contact us or our distributors in your region for the latest specs.