

Environmental Monitoring System



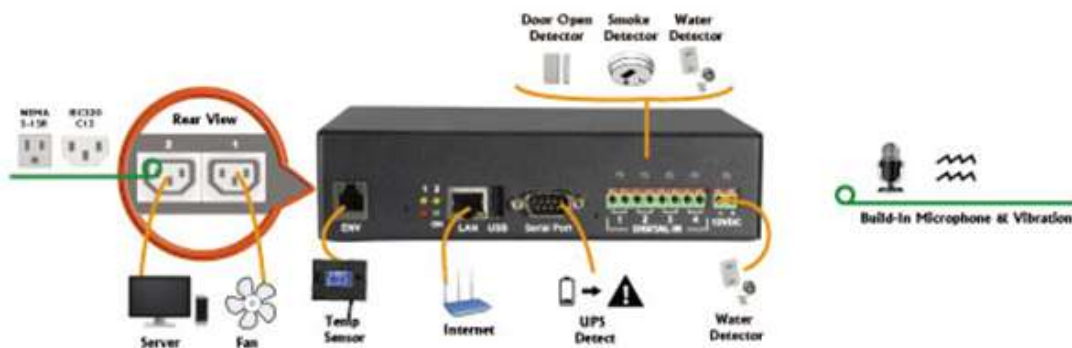
Product Overview

Alston Systems Environmental Monitoring System enables you to remotely monitor environmental conditions using a standard web browser. Alston Systems EMS is a collection of sensors for detecting environmental conditions. Temperature sensors, humidity, airflow & water leak sensors are commonly deployed.

Features

- Supports online firmware upgrade to renew equipment functions.
- Supports SNMP V1, V2, V3. User can check EMS status via SNMP view.
- Supports SNMP Trap to collect & view warning messages sent by EMS.
- Supports IP & MAC filter to prevent unauthorized user access to devices.
- Warning by e-mail and SMS to bring environment real – time monitoring and warning come true.
- Supports Ping devices function. It will reboot the device when ping nothing. Alerts are sent if ping often.
- Optional temperature & humidity sensor to monitor 7 locations of temperature and one location of humidity.
- Built-in vibration, voice and intrusion sensors to detect destructive behaviours and sends message to alarm user.
- Supports one dry contact input, four dry contact outputs monitoring temperature and humidity, water leakage and smoke that harm your servers.

System Configuration



Specifications

Power Input	85-240 VAC , 50-60Hz	
Power Consumed	5 W	
Power plug set	IEC320 C13 NEMA5-15R	
Maximum Total current output	12A	
Power source frequency	50-60Hz	
Number of	Sockets	2
	Dry contact input	4
	Dry contact output	1
	RS232 serial port	1
	Humidity & temperature port	1
Operating humidity	0-60%	
Operating temperature	0-45°C	
Storage temperature	-25 to 65°C	
Outline Dimension (WxDxH) in mm	200x130x44	
Net. Weight	0.82 kg	

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Optional Accessories



Ordering Information

Part Number	Description
EMS01-MST	Alston Systems, Environmental Monitoring Systems (EMS) Pro
EMS01-RFS	Alston Systems, EMS – Rack Fixer
EMS01-DOS	Alston Systems, EMS – Door Open Sensor
EMS01-WDS	Alston Systems, EMS – Water Detector Sensor
EMS01-SDS	Alston Systems, EMS – Smoke Detector Sensor
EMS01-TCS	Alston Systems, EMS – Temperature Controller Sensor