Design Spec Summary

Polycarbonate Enclosures
- Customized for Housing Interior and Control System Electronics in Harsh Environments
- Customized to Ensure that the Interior Environment is Sealed from the Exterior Environment
- NEMA 4X Rugged Poly Fiberglass Fully Insulated
- Two Locking Eyelets for Customer-Supplied Pad Locks
- Interior Enclosure Lighting system for Enclosure Access During Maintenance in Poor Lighting Conditions
- Condensation Removal System to Evacuate Interior Condensation as a Result of Temperature Deviation

Temperature & Humidity Sensors
- Report Outside Ambient Conditions
- Report Enclosure Conditions
- Report Customized Weatherproof Case Conditions
- Custom Outside Ambient Sensor Encasement

Door Magnet Sensor
- Report Door Open or Closed Condition

Solid State Thermal (Heating/Cooling) Module
- Customized Precision Heat Sink/Fan Assembly
- Environmentally Safe, No CFC's

Uninterruptible Power Supply (UPS) w/ SNMP
- Easy to Read LCD Display (No Laptop Required)
- View Status of Power, System Load, and Run-time

Network Switch w/ SNMP
- Pre-Mounted and Ready to Use
- Six (6) Copper 10/100/1000 Ethernet Ports

Specifications

Part Number	SAM-1816-OR700-C
Product Dimensions	18"H x 16"W x 17"D
Net Weight	59 lbs
Dimensions - Usable Interior Space	16.5"H x 14.5"W x 5.5"D
Power Specs	175 Watt UPS Power Budget 4 Battery Backup Outlets 2 Surge-Protected Outlets 12 Amp Total Load
Interior Mounting	Standard 7.5/35mm DIN RAIL •11.5" in Length •3-Point Ground Bar pre-installed
Temperature Specs	Cooling Mode •Lower Temp by up to 40ºF Heating Mode •Raise Temp by up to 35ºF
Warranty	One Year Parts and Labor
Included Equipment	(6) - 2" Square Velcro Kits (6) - 1-Foot Cat-5e Patch Cable (1) - 3-Foot IEC Power Cord (2) - 2-Foot IEC Power Cord (2) - 1-Foot IEC Power Cord (1) - 3/4" Carflex Connector (2) - PG-13 Cable Glands

Management Specifications

Fully Managed UPS via Web Browser & SNMP with the Ability to Monitor:

- System Uptime
- UPS Load (% & Watts)
- Battery Replace Indicator
- Battery Voltage
- Battery Capacity (%)
- Battery Runtime Remaining
- AC Line Frequency
- AC Line Voltage (Min & Max)
- AC Line Failure Cause
- UPS AC Output Frequency
- UPS AC Output Voltage
- UPS Time on Battery

Fully Managed Copper 6-Port 10/100/1000 Network Switch via Web Browser & SNMP:

- VLAN Support
- Spanning Tree Support
- Multicast IGMP Snooping Support
- Port Monitoring of Link Speed / Duplex Mode / Errors
- Port Mirroring for Diagnostics

Fully Managed System Monitoring of Heating/Cooling System via Web Browser:

- Real Time Monitoring of Temperature and Relative Humidity of Enclosure Interior
- Real Time Monitoring of Temperature and Relative Humidity of Ambient Outside Environment
- Easy to read Graphical Display of Temperature and Humidity
- User Customizable Set-Points for Heating and Cooling Thresholds

Enclosure Management:

- Display Current Status of Enclosure Door (Open or Closed)
- Collects Enclosure Critical System Performance Data Points for *VideoShield™* Network Monitoring Service

Optional Equipment & Services

VideoShield™ - Remote Monitoring of all critical system functions *1st year free, call for details

- Universal Pole Mounting Kit
- Fully Managed Fiber Network Switch
  - Six (6) 10/100/1000 Copper Ports
  - Two (2) GBIC Fiber Ports
- Additional PG-13 Cable Glands
- Additional IEC Power Cords
  - 1-Foot
  - 2-Foot
  - 3-Foot
- Additional Category-5e, 1-Foot Patch Cables
- Pre-Configuration of all equipment:
  - TCP/IP Address, Mask, & Gateway
  - System Host names
  - Label all equipment
- Pre-Configuration and Mounting of Customer-Supplied Equipment

*For further details and ordering information call 813.677.3312.

17"   16"   14.5"

18"   16.5"

5.5"