

## **OVERVIEW**

Upgradeable Switched Outlet Level
Monitored rPDUs provide reliable power
distribution to critical IT equipment
while delivering individual outlet level
control and a comprehensive view of
outlet level power usage via remote
network access. Includes environmental
monitoring capabilities to obtain realtime environmental metrics. With the
Geist Upgradeable hot-swap technology,
users may easily update the rPDU
technology with the addition of the
appropriate Interchangeable Monitoring
Device (IMD) as business needs change.

### **Benefits**

- Remotely reboot outlets to power cycle unresponsive IT equipment or increase runtime of critical equipment upon power failure with outlet-level control.
- Reliable power distribution with local and remote outlet-level power monitoring options offer quick access to critical power usage information down to the device level to evaluate energy usage trends and maximize uptime.
- Environmental monitoring capabilities with the addition of optional environmental sensors ensure users have critical infrastructure data at their fingertips to prevent climate-related equipment failure and system downtime.
- Fault-Tolerant Daisy Chaining with RSTP simplifies intelligent rPDU connectivity and ensures data is reported even when a break in the network chain occurs. Supports up to 40 rPDUs.





### Part #: VP7U21A0

Model Number: MUU5M1R5-12CF17-2C20A9H00-S

Category: Switched

Sub Category: Outlet Level Monitoring

Power Configuration: 16A OR 20A, 120V OR 208V OR 230V, 1.9kW or 3.3kW or 3.6kW

Physical Configuration: 19in / 483mm, Horizontal

**Product Summary:** rPDU, Switched Outlet Level Monitoring EC, 16A OR 20A, 120V OR 208V OR 230V,

1.9kW or 3.3kW or 3.6kW, Horizontal, (12) Combination C13/C19, C20, Black Powder

Coat.

**Monitoring:** Input and Outlet power monitoring with Outlet switching. Environmental monitoring

via optional remote sensors. Daisy chain ethernet connectivity. Local high visibility

display.

Plug Form: Receptacle:





C20

Combination C13/C19 (Quantity: 12)

### **Chassis Color Options:**

Daisy-chain up to 50 devices on a single IP address and reduce deployment time with selfconfiguration of downstream devices.



To discuss color options, contact your local sales representative.

# **Product Specification and Options**

#### **System Features**

Environmental monitoring via optional remote sensors. Daisy chain ethernet connectivity, Local high visibility display.  Input Monitoring Phase (A) Monitoring (kWh, W, VA, PF, V, A) Power Measurements Compliant with ANSI C12.1 and IEC 62053- 21 at 1% Accuracy Class Requirements  Outlet Monitoring Outlet Monitoring (kWh, W, VA, PF, V, A) Power Measurements Compliant with ANSI C12.1 and IEC 62053- 21 at 1% Accuracy Class Requirements.  Remote Power Management Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up  Quantity Of Inputs 1  Voltage 100-240V  Current 16A or 20A  VA per Input (Load Capacity) 19kW (120V), 3.8kW (208V), 3.6kW (230V) Frequency 50/60Hz  Over Current Protection None Switch No  LCD Touchscreen Display / Auto Oriented Ves Indicators - LED(s) 12  Power Entry Location Left Rear Plug Type IEC60320 C20 Power Inlet (cord sold separately) Receptacle/Socket Type #1 Combination C13/C19  - Quantity on Rear 12 - Circuit Color ID 1 Circuit = Orange Banks of 6  - Voltage per Receptacle/Socket 100-240V Network Connection Dual 10/100/1000Mbps Ethernet DHCP, HTTP, HTTPS, IPV4, IPV6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2/c3), Syslog, TACACS+, Modbus TCP Data Access Formats CSV datalog, JSON API, JSON datalog USB Support Yes IP Reset Button Yes Bride Connection RS232 via RJ45 Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors)	System Features	
Power Measurements Compliant with ANSI C12.1 and IEC 62053- 21 at 1% Accuracy Class Requirements  Outlet Monitoring  Outlet Monitoring (kWh, W, VA, PF, V, A)  Power Measurements Compliant with ANSI C12.1 and IEC 62053- 21 at 1% Accuracy Class Requirements.  Remote Power Management  Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up  Quantity Of Inputs  1  Voltage  100-240V  Current  16A or 20A  VA per Input (Load Capacity)  19kW (120V), 3.8kW (208V), 3.6kW (230V)  Frequency  50/60Hz  Over Current Protection  None  Switch  No  LCD Touchscreen Display / Auto Oriented  Yes  Indicators - LED(s)  12  Power Entry Location  Left Rear  Plug Type  IEC60320 C20 Power Inlet (cord sold separately)  Receptacle/Socket Type #1  Combination C13/C19  - Quantity on Rear  12  - Circuit Color ID  1 Circuit = Orange  Banks of 6  - Voltage per Receptacle/Socket  100-240V  Network Connection  Dual 10/100/1000Mbps Ethernet  Protocols Supported  DHCP, HTTP, HTTPS, IPV4, IPV6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (V1/V2c/V3), Syslog, TACACS+, Modbus TCP  Data Access Formats  CSV datalog, JSON API, JSON datalog  USB Support  Yes  IP Reset Button  Yes  Plagest Button  Remote Sensor RJ Connection Jacks  I (Supports up to 16 Sensors)  Maximum Operating Tempersture  60C / 140F	Monitoring	Environmental monitoring via optional remote sensors. Daisy
Outlet Monitoring Outlet Monitoring (kWh, W, VA, PF, V, A) Power Measurements Compliant with ANSI CT21 and IEC 62053- Z1 at 1% Accuracy Class Requirements.  Remote Power Management Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up  Quantity Of Inputs 1  Voltage 100-240V  Current 16A or 20A  VA per Input (Load Capacity) 19kW (120V), 3.5kW (208V), 3.5kW (230V)  Frequency 50/60Hz  Over Current Protection None  Switch No  LCD Touchscreen Display / Auto Oriented Yes  Indicators - LED(s) 12  Power Entry Location Left Rear  Plug Type IEC60320 C20 Power Inlet (cord sold separately)  Receptacle/Socket Type #1 Combination C13/C19  - Quantity on Rear 12  - Circuit Color ID 1 Circuit = Orange  Banks of 6  - Voltage per Receptacle/Socket 100-240V  Network Connection Dual 10/100/1000Mbps Ethernet  Protocols Supported DHCP, HTTP, HTTPS, IPV4, IPV6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (V1/V2c/V3), Syslog, TACACS+, Modbus TCP  Data Access Formats CSV datalog, JSON API, JSON datalog  USB Support Yes  Preset Button Yes  Berla Connection RS232 via RJ45  Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors)  Maximum Operating Tempersture 60C / 140F	Input Monitoring	Phase (A) Monitoring (kWh, W, VA, PF, V, A)
Power Measurements Compliant with ANSI C12.1 and IEC 62053- 21 at 1% Accuracy Class Requirements.  Remote Power Management Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up  Quantity Of Inputs 1 1 Voltage 100-240V  Current 16A or 20A  VA per Input (Load Capacity) 1,9kW (120V), 3.3kW (208V), 3.6kW (230V)  Frequency 50/60Hz  Over Current Protection None  Switch No  LCD Touchscreen Display / Auto Oriented Yes Indicators - LED(s) 12  Power Entry Location Left Rear  Plug Type IEC60320 C20 Power Inlet (cord sold separately)  Receptacle/Socket Type #1 Combination C13/C19  - Quantity on Rear 12  - Circuit Color ID 1 Circuit = Orange  Banks of 6  - Voltage per Receptacle/Socket 100-240V  Network Connection Dual 10/100/1000Mbps Ethernet  Protecols Supported DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP  Data Access Formats CSV datalog, JSON API, JSON datalog  USB Support Yes  Berlad Connection RS232 via RJ45  Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors)  Maximum Operating Temperature 60C / 140F		
21 at 1% Accuracy Class Requirements.  Remote Power Management Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up  Quantity Of Inputs 1 1 Voltage 100-240V  Current 16A or 20A VA per Input (Load Capacity) 1.9kW (120V), 3.3kW (208V), 3.6kW (230V)  Frequency 50/60Hz  Over Current Protection None  Switch No  LCD Touchscreen Display / Auto Oriented Yes Indicators - LED(s) 12  Power Entry Location Left Rear  Plug Type IEC60320 C20 Power Inlet (cord sold separately)  Receptacle/Socket Type #1 Combination C13/C19  - Quantity on Rear 12  - Circuit Color ID 1 Circuit = Orange  Banks of 6  - Voltage per Receptacle/Socket 100-240V  Network Connection Dual 10/100/1000Mbps Ethernet  Photocols Supported DHCP, HTTPS, IPV4, IPV6, LDAP, NTP, RADIUS, RSTP, SMTP, SMMP (V1/V2e/V3), Syslog, TACACS+, Modbus TCP  Data Access Formats CSV datalog, JSON API, JSON datalog  USB Support  Yes  USB Support  Yes  USB Support  Preset Button Yes  Bernote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors)  Maximum Operating Temperature 60C / 140F	Outlet Monitoring	Outlet Monitoring (kWh, W, VA, PF, V, A)
Quantity Of Inputs  1  Voltage 100-240V  Current 16A or 20A  VA per Input (Load Capacity) 1.9kW (120V), 3.3kW (208V), 3.6kW (230V)  Frequency 50/60Hz  Over Current Protection None  Switch No  LCD Touchscreen Display / Auto Oriented Ves Indicators - LED(s) 12  Power Entry Location Left Rear Plug Type IEC60320 C20 Power Inlet (cord sold separately)  Receptacle/Socket Type #1 Combination C13/C19  - Quantity on Rear 12 - Circuit Color ID 1 Circuit = Orange Banks of 6  - Voltage per Receptacle/Socket 100-240V  Network Connection Dual 10/100/1000Mbps Ethernet  Protocols Supported DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SMMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP  Data Access Formats CSV datalog, JSON API, JSON datalog  USB Support Yes IP Reset Button Yes  Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors)  Maximum Operating Temperature 60C / 140F		•
Voltage         100-240V           Current         16A or 20A           VA per Input (Load Capacity)         1.9kW (120V), 3.3kW (208V), 3.6kW (230V)           Frequency         50/60Hz           Over Current Protection         None           Switch         No           LCD Touchscreen Display / Auto Oriented         Yes           Indicators - LED(s)         12           Power Entry Location         Left Rear           Plug Type         IEC60320 C20 Power Inlet (cord sold separately)           Receptacle/Socket Type #1         Combination C13/C19           - Quantity on Rear         12           - Circuit Color ID         1 Circuit = Orange           Banks of 6         - Voltage per Receptacle/Socket         100-240V           Network Connection         Dual 10/100/1000Mbps Ethernet           Protocols Supported         DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SMMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP           Data Access Formats         CSV datalog, JSON API, JSON datalog           USB Support         Yes           IP Reset Button         Yes           Hard Reboot Button         Yes           Maximum Operating Temperature         60C / 140F	Remote Power Management	
Current 16A or 20A  VA per Input (Load Capacity) 1.9kW (12OV), 3.3kW (208V), 3.6kW (23OV)  Frequency 50/60Hz  Over Current Protection None  Switch No  LCD Touchscreen Display / Auto Oriented Yes  Indicators - LED(s) 12  Power Entry Location Left Rear  Plug Type IEC60320 C2O Power Inlet (cord sold separately)  Receptacle/Socket Type #1 Combination C13/C19  - Quantity on Rear 12  - Circuit Color ID 1 Circuit = Orange  Banks of 6  - Voltage per Receptacle/Socket 100-240V  Network Connection Dual 10/100/1000Mbps Ethernet  Protocols Supported DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP  Data Access Formats CSV datalog, JSON API, JSON datalog  USB Support Yes  IP Reset Button Yes  Hard Reboot Button Yes  Remote Sensor RJ Connection Jacks 1(Supports up to 16 Sensors)  Maximum Operating Temperature 60C / 140F	Quantity Of Inputs	1
1.9kW (120V), 3.3kW (208V), 3.6kW (230V)  Frequency 50/60Hz  Over Current Protection None  Switch No  LCD Touchscreen Display / Auto Oriented Yes Indicators - LED(s) 12  Power Entry Location Left Rear  Plug Type IEC60320 C20 Power Inlet (cord sold separately)  Receptacle/Socket Type #1 Combination C13/C19  - Quantity on Rear 12  - Circuit Color ID 1 Circuit = Orange  Banks of 6  - Voltage per Receptacle/Socket 100-240V  Network Connection Dual 10/100/1000Mbps Ethernet  Protocols Supported DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SMMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP  Data Access Formats CSV datalog, JSON API, JSON datalog  USB Support Yes  IP Reset Button Yes  Hard Reboot Button Yes  Serial Connection RS232 via RJ45  Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors)  Maximum Operating Temperature 60C / 140F	Voltage	100-240V
Frequency 50/60Hz  Over Current Protection None  Switch No  LCD Touchscreen Display / Auto Oriented Yes  Indicators - LED(s) 12  Power Entry Location Left Rear  Plug Type IEC60320 C20 Power Inlet (cord sold separately)  Receptacle/Socket Type #1 Combination C13/C19  - Quantity on Rear 12  - Circuit Color ID 1 Circuit = Orange  Banks of 6  - Voltage per Receptacle/Socket 100-240V  Network Connection Dual 10/100/1000Mbps Ethernet  Protocols Supported DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP  Data Access Formats CSV datalog, JSON API, JSON datalog  USB Support Yes  IP Reset Button Yes  Hard Reboot Button Yes  Serial Connection RS232 via RJ45  Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors)  Maximum Operating Temperature 60C / 140F	Current	16A or 20A
Over Current Protection  None  Switch  No  LCD Touchscreen Display / Auto Oriented  Yes  Indicators - LED(s)  12  Power Entry Location  Left Rear  Plug Type  IEC60320 C20 Power Inlet (cord sold separately)  Receptacle/Socket Type #1  Combination C13/C19  - Quantity on Rear  12  - Circuit Color ID  1 Circuit = Orange  Banks of 6  - Voltage per Receptacle/Socket  100-240V  Network Connection  Dual 10/100/1000Mbps Ethernet  Protocols Supported  DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP  Data Access Formats  CSV datalog, JSON API, JSON datalog  USB Support  Yes  IP Reset Button  Yes  Serial Connection  RS232 via RJ45  Remote Sensor RJ Connection Jacks  Maximum Operating Temperature  60C / 140F	VA per Input (Load Capacity)	1.9kW (120V), 3.3kW (208V), 3.6kW (230V)
Switch  No  LCD Touchscreen Display / Auto Oriented  Yes  Indicators - LED(s)  12  Power Entry Location  Left Rear  Plug Type  IEC60320 C20 Power Inlet (cord sold separately)  Receptacle/Socket Type #1  Combination C13/C19  - Quantity on Rear  12  - Circuit Color ID  1 Circuit = Orange  Banks of 6  - Voltage per Receptacle/Socket  100-240V  Network Connection  Dual 10/100/1000Mbps Ethernet  Protocols Supported  DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP  Data Access Formats  CSV datalog, JSON API, JSON datalog  USB Support  Yes  IP Reset Button  Yes  Serial Connection  RS232 via RJ45  Remote Sensor RJ Connection Jacks  Maximum Operating Temperature  60C / 140F	Frequency	50/60Hz
LCD Touchscreen Display / Auto Oriented Yes Indicators - LED(s) 12 Power Entry Location Left Rear Plug Type IEC60320 C20 Power Inlet (cord sold separately) Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Rear 12 - Circuit Color ID 1 Circuit = Orange Banks of 6 - Voltage per Receptacle/Socket 100-240V Network Connection Dual 10/100/1000Mbps Ethernet Protocols Supported DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP Data Access Formats CSV datalog, JSON API, JSON datalog USB Support Yes IP Reset Button Yes Serial Connection RS232 via RJ45 Remote Sensor RJ Connection Jacks I (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	Over Current Protection	None
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Power Entry Location  Left Rear  Plug Type  IEC60320 C20 Power Inlet (cord sold separately)  Receptacle/Socket Type #1  Combination C13/C19  - Quantity on Rear  12  - Circuit Color ID  1 Circuit = Orange  Banks of 6  - Voltage per Receptacle/Socket  100-240V  Network Connection  Dual 10/100/1000Mbps Ethernet  Protocols Supported  DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP  Data Access Formats  CSV datalog, JSON API, JSON datalog  USB Support  Yes  IP Reset Button  Yes  Serial Connection  RS232 via RJ45  Remote Sensor RJ Connection Jacks  1 (Supports up to 16 Sensors)  Maximum Operating Temperature  60C / 140F	LCD Touchscreen Display / Auto Oriented	Yes
Plug Type  IEC60320 C20 Power Inlet (cord sold separately)  Receptacle/Socket Type #1  Combination C13/C19  12  - Quantity on Rear  12  - Circuit Color ID  1 Circuit = Orange  Banks of 6  - Voltage per Receptacle/Socket  100-240V  Network Connection  Dual 10/100/1000Mbps Ethernet  Protocols Supported  DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP  Data Access Formats  CSV datalog, JSON API, JSON datalog  USB Support  Yes  Hard Reboot Button  Yes  Serial Connection  RS232 via RJ45  Remote Sensor RJ Connection Jacks  Maximum Operating Temperature  60C / 140F	Indicators - LED(s)	12
Receptacle/Socket Type #1  Combination C13/C19  Quantity on Rear  12  Circuit Color ID  1 Circuit = Orange  Banks of 6  Voltage per Receptacle/Socket  100-240V  Network Connection  Dual 10/100/1000Mbps Ethernet  Protocols Supported  DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP  Data Access Formats  CSV datalog, JSON API, JSON datalog  USB Support  Yes  Hard Reboot Button  Yes  Serial Connection  RS232 via RJ45  Remote Sensor RJ Connection Jacks  1 (Supports up to 16 Sensors)  Maximum Operating Temperature  60C / 140F	Power Entry Location	Left Rear
- Quantity on Rear 12 - Circuit Color ID 1 Circuit = Orange - Style Banks of 6 - Voltage per Receptacle/Socket 100-240V Network Connection Dual 10/100/1000Mbps Ethernet Protocols Supported DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP Data Access Formats CSV datalog, JSON API, JSON datalog USB Support Yes IP Reset Button Yes Hard Reboot Button Yes Serial Connection RS232 via RJ45 Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	Plug Type	IEC60320 C20 Power Inlet (cord sold separately)
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Banks of 6  - Voltage per Receptacle/Socket 100-240V  Network Connection Dual 10/100/1000Mbps Ethernet  Protocols Supported DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP  Data Access Formats CSV datalog, JSON API, JSON datalog  USB Support Yes  IP Reset Button Yes  Hard Reboot Button Yes  Serial Connection RS232 via RJ45  Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors)  Maximum Operating Temperature 60C / 140F	- Quantity on Rear	12
- Voltage per Receptacle/Socket  100-240V  Network Connection  Dual 10/100/1000Mbps Ethernet  Protocols Supported  DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP  Data Access Formats  CSV datalog, JSON API, JSON datalog  USB Support  Yes  IP Reset Button  Yes  Serial Connection  RS232 via RJ45  Remote Sensor RJ Connection Jacks  1 (Supports up to 16 Sensors)  Maximum Operating Temperature  60C / 140F	- Circuit Color ID	1 Circuit = Orange
Network Connection  Dual 10/100/1000Mbps Ethernet  Protocols Supported  DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP  Data Access Formats  CSV datalog, JSON API, JSON datalog  USB Support  Yes  IP Reset Button  Yes  Hard Reboot Button  Yes  Serial Connection  RS232 via RJ45  Remote Sensor RJ Connection Jacks  1 (Supports up to 16 Sensors)  Maximum Operating Temperature  60C / 140F	- Style	Banks of 6
Protocols Supported  DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP  Data Access Formats  CSV datalog, JSON API, JSON datalog  USB Support  Yes  IP Reset Button  Yes  Hard Reboot Button  Yes  Serial Connection  RS232 via RJ45  Remote Sensor RJ Connection Jacks  1 (Supports up to 16 Sensors)  Maximum Operating Temperature  60C / 140F	- Voltage per Receptacle/Socket	100-240V
SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP  Data Access Formats  CSV datalog, JSON API, JSON datalog  USB Support  Yes  IP Reset Button  Yes  Hard Reboot Button  Yes  Serial Connection  RS232 via RJ45  Remote Sensor RJ Connection Jacks  1 (Supports up to 16 Sensors)  Maximum Operating Temperature  60C / 140F	Network Connection	Dual 10/100/1000Mbps Ethernet
USB Support Yes  IP Reset Button Yes  Hard Reboot Button Yes  Serial Connection RS232 via RJ45  Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors)  Maximum Operating Temperature 60C / 140F	Protocols Supported	
IP Reset Button Yes  Hard Reboot Button Yes  Serial Connection RS232 via RJ45  Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors)  Maximum Operating Temperature 60C / 140F	Data Access Formats	CSV datalog, JSON API, JSON datalog
Hard Reboot Button Yes  Serial Connection RS232 via RJ45  Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors)  Maximum Operating Temperature 60C / 140F	USB Support	Yes
Serial Connection RS232 via RJ45  Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors)  Maximum Operating Temperature 60C / 140F	IP Reset Button	Yes
Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors)  Maximum Operating Temperature 60C / 140F	Hard Reboot Button	Yes
Maximum Operating Temperature 60C / 140F	Serial Connection	RS232 via RJ45
	Remote Sensor RJ Connection Jacks	1 (Supports up to 16 Sensors)
Heavy Steel - Powder Coat Finish Black	Maximum Operating Temperature	60C / 140F
	Heavy Steel - Powder Coat Finish	Black

Configuration	19in / 483mm Horizontal Rackmount
Adjustable Mount Brackets	Yes
Product Warranty	5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years
Certification/Agency Approvals	CE Marked
Certification/Agency Approvals	UL & c-UL Listed 62368-1
Certification/Agency Approvals	UKCA Marked
Certification/Agency Approvals	Complies with IEC 62368-1 (DOC Available)
Certification/Agency Approvals	Complies with EN 55032 and EN 55035
Certification/Agency Approvals	RoHS Compliant
Certification/Agency Approvals	RCM Mark (EMC Only)
Certification/Agency Approvals	FCC Part 15 Class A Conformance
Certification/Agency Approvals	China RoHS
Chassis Dimensions (HxWxD)	1.72in x 17in x 12in / 44mm x 432mm x 305mm
Shipped Weight	10lbs (4.54kg)