

Vertiv™ PowerIT Upgradeable IMD-5M

Interchangeable Monitoring Device



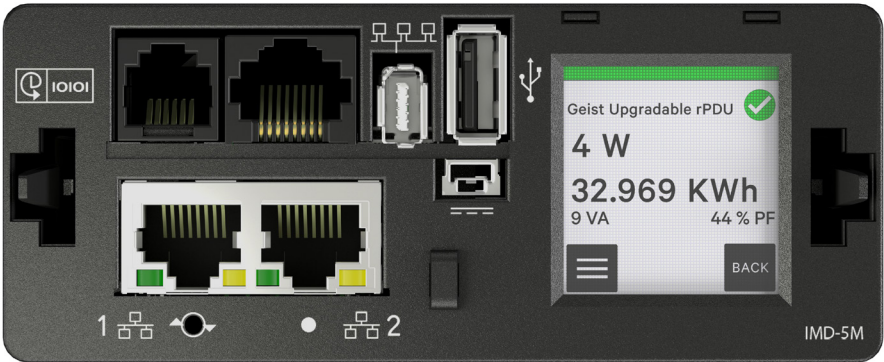
Overview

The Vertiv™ PowerIT IMD-5M is a hot-swappable and field upgradeable network card enabling local and remote monitoring.

The Vertiv PowerIT IMD-5M may be upgraded to leverage the latest technologies and adapt to changing business needs without having to replace entire power strips.

Benefits

- Easily update rPDUs with the latest technology.
- Hot-swappable IMDs provide the ability to upgrade monitoring features and functionality without taking down critical IT Equipment.
- Reduce cost of ownership and optimize ROI by updating the IMD rather than the entire rPDU.



Vertiv™ PowerIT IMD-5M

Part Number	Product Summary
IMD-5M	Next Generation Intelligence card supporting Input and Output level power monitoring, Outlet switching, and Circuit / Breaker current monitoring where applicable as determined by base rPDU model. Enables serial communication via RS232 port. Features Secure Boot utilizing a hardware trust anchor. Redundant IMD Power Sharing via onboard port. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local touchscreen equipped LCD display with ability to locally provision the rPDU.
Specifications and Options	
Monitoring	Enables Input and Output level power monitoring, Outlet switching, an Circuit / Breaker current monitoring where applicable as determined by base rPDU model. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity.
Input Monitoring	Total Unit Monitoring (kWh, W, VA, PF). Phase (A, B, C) Monitoring (kWh, W, VA, PF, V, A) where applicable as determined by base rPDU model. Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements.
Circuit Monitoring	Circuit / Breaker Monitoring (A) where applicable as determined by base rPDU model. Circuit / Breaker Current Measurements Independently Tested and Verified at 1% Accuracy.
Outlet Monitoring	Outlet Monitoring (kWh, W, VA, PF, V, A) where applicable as determined by base rPDU model. 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 where applicable as determined by base rPDU model.
High-visibility touchscreen LCD Display	Internal Orientation sensor adjusts display for Vertical or Horizontal mounting.
Network Connection	Dual 10 / 100 / 1000Mbps Ethernet
Protocols Supported	DHCP, HTTP, HTTPS, Redfish (FW 7.0.2 and later), IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1 / v2c / v3), Syslog, TACACS+
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)
Product Warranty	5-year limited warranty
Toolless IMD Removal	Yes
Secure Boot	Yes, utilizes a hardware based trust anchor
Certification/Agency Approvals	RoHS Compliant
Shipped Weight	1 lbs (.45kg)