GEIST POWER | Upgradeable

Interchangeable Monitoring Device (IMD)
Upgradeable Local and Remote Power Monitoring

Part Number: IMD-02XV - Vertical
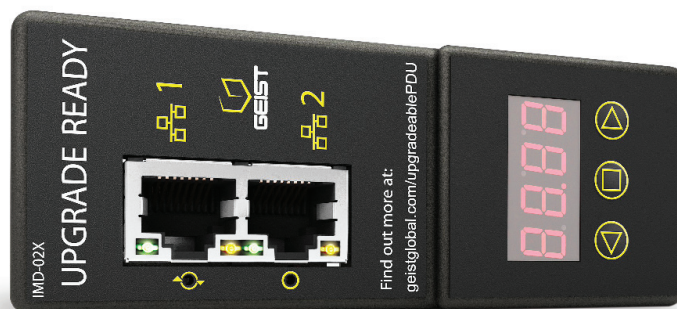   IMD-02XH - Horizontal

Description

The IMD-02XV Interchangeable Monitoring Device delivers a comprehensive view of power usage in a data center. To be used with the modular design of the Upgradeable PDU, it is a hot-swappable replacement or upgrade solution allowing new technology to be applied as it is developed.

The IMD-02XV, offers on-board and web power monitoring display options with quick access to the unit's current, volts, real power, apparent power, power factor and kilowatt hours. By monitoring these critical variables, data center managers can evaluate energy usage trends and ensure maximum uptime.

Racknet Enabled — The IMD-02XV easily integrates with Racknet — Geist's DCIM software. Racknet (purchased separately) collects and reports critical power and environmental data for multiple PDUs in one, user configurable interface. Users gain immediate remote access to trends, alarms and histories of devices in the data center through a standard Web browser. Racknet saves both time and cost associated with managing each device individually. Contact your Geist rep for more details.

Product Summary

Interchangeable Monitoring Device, Power Monitoring, Phase (X, Y, Z) Monitoring (A, V, W, VA, kWh, PF) Phase Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements, Circuit/Breaker Monitoring (A), Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy.

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Features

Specifications

Monitoring	Power – Remote + Current - Local
Monitoring Level 1	Phase (X, Y, Z) Monitoring (A, V, W, VA, kWh, PF) –Where applicable as determined by Base PDU Model Phase Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 1% Accuracy Class Requirements
Monitoring Level 2	Circuit/Breaker Monitoring (A)-Where applicable as determined by Base PDU Model Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy
Scrolling / Rotatable Digital Display	Yes
Internal RMS Voltage Sensor	Yes
Internal RMS Current Sensor	Yes
Network Connection	Dual 10/100Mbps Ethernet
Network Protocols Supported and Data Access Formats	HTTP, HTTPS (SSL/TLS), SMTP, SMTPS (SSL), ICMP, DHCP, IPv4, IPv6, Syslog, SNMP v1/v2c/v3, JSON, RSTP
IP Reset Button	Yes
Hard Reboot Button	Yes
Product Warranty	Five Year
Certification/Agency Approvals	RoHS Compliant
Shipped Weight	1lbs (.45kg)