

Interchangeable Monitoring Device Overview

The Geist Upgradeable PDU provides data center managers the flexibility to install the intelligence they require today with the option to upgrade the monitoring device as technology advances or business needs evolve. From basic power distribution to sophisticated power monitoring and switching, the GU PDU adapts to your business well into the future.

Model	IMD-01D	IMD-02X	IMD-02E	IMD-03X	IMD-03E	IMD-3E
PDU Type	Metered	Monitored	Monitored	Monitored	Monitored	Monitored or Switched
Platform	GU1	GU1	GU1	GU1.5	GU1.5	GU2
Hardware						
Local Display Meter with VLC	•	•	•	•	•	•
Dual Ethernet Ports (10/100)		•	•	•	•	•
USB						•
# Plug-n-Play Sensor Ports			1		1	1
Max Plug-n-Play Sensor Capacity			4		16	16
WebServer						
IPv6		•	•	•	•	•
HTTP/HTTPS		•	•	•	•	•
DHCP		•	•	•	•	•
Firmware						
JSON API		•	•	•	•	•
Fault-tolerant Daisy Chaining (RSTP)		•	•	•	•	•
Real-time Power Metrics	•*	•	•	•	•	•
Data Logging (Web, CSV, JSON)				•	•	•
Event Logging				•	•	•
SNMP (v1, v2c, v3)		•	•	•	•	•
Email Alerts		•	•	•	•	•
Alarm Escalations		•	•	•	•	•
Alarm Repeat		•	•	•	•	•
Alarm Delay		•	•	•	•	•
Alarm Valid Hours		•	•	•	•	•
Periodic Email Status Reports				•	•	•
Encryption via TLS		•	•	•	•	•
Local User Accounts		•	•	•	•	•
LDAP				•	•	•
Non-Resettable KWH Counter				•	•	•
Backup & Restore Utility				•	•	•
Revert to Prior Firmware Capability				•	•	•
Benefits						
Hot Swappable and Upgradeable	•	•	•	•	•	•
Free Firmware Updates		•	•	•	•	•
Free Technical Support	•	•	•	•	•	•
5 Year Warranty**	•	•	•	•	•	•

Plug-n-Play Sensors:

Temperature
 Temperature/Humidity/Dew Point (GTHD)
 Temperature/Humidity/Dew Point Kit 3-in-1 (GTHD)
 Temperature/Humidity/Dew Point/Airflow
 Analog-to-Digital Converter (A2D)

Dry Contact / Analog Sensors (requires A2D):

Door Position (NO/NC)
 Smoke Detector (NO/NC)
 Flood Sensor (Conductivity)
 Water Sensing Cable Kit (NO/NC)
 Current Transducer 30/60/120A (0-SV)
 Isolated Voltage Sensor (D-SV)

USB Accessories:

Upload firmware, backup and restore device configuration, or expand logging capacity via USB storage device

Configuration Utility:

Device Director

*Comprehensive power metrics available using Visible Light Communication (VLC) via Geist Mobile App

**Product registration required within 120 days of purchase or warranty defaults to standard 3 years