

INTERCHANGEABLE MONITORING DEVICE (IMD) COMPARISON AND COMPATIBILITY CHART

The Vertiv Geist™ Upgradeable (GU) rPDU provides data center managers with 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 rPDU adapts to your business well into the future.

Vertiv Geist Upgradeable (GU) rPDU Features		GU1 Series					GU2 Series	
		IMD-01DH IMD-01DV	IMD-02XH IMD-02XV	IMD-02EH IMD-02EV	IMD-03EH IMD-03EV	IMD-03E-SH IMD-03E-SV	IMD-3EH IMD-3EV	IMD-3E-SH IMD-3E-SV
rPDU Type	Basic	→						
	Metered	•	→					
	Monitored Unit-Level		•	•	•	•		
	Monitored Outlet-Level						•	•
	Switched Unit-Level Monitored						•	•
Hardware	Switched Outlet-Level Monitored						•	•
	LED Display with VLC	•	•	•	•	•	•	•
	Dual Ethernet Ports (10/100)		•	•	•	•	•	•
	Environmental Sensor Ports			1	1	1	1	1
	Environmental Sensor Capacity			4	16	16	16	16
	USB					•	•	•
	RS-232 via RJ45					•		•
WebServer	IPv6		•	•	•	•	•	•
	HTTP/HTTPS		•	•	•	•	•	•
	DHCP		•	•	•	•	•	•
Firmware	JSON API		•	•	•	•	•	•
	Fault-Tolerant Daisy Chaining		•	•	•	•	•	•
	IP Aggregation with Vertiv Intelligence Director		•*	•*	•	•	•	•
	Real Time Power Metrics	•**	•	•	•	•	•	•
	Data Logging				•	•	•	•
	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, RADIUS, TACACS+				•	•	•	•	
Non-Resettable kWh Counter				•	•	•	•	
Backup and Restore Utility				•	•	•	•	
Revert to Prior Firmware Capability				•	•	•	•	
Benefits	Hot Swappable and Upgradeable	•	•	•	•	•	•	•
	Free Firmware Updates		•	•	•	•	•	•
	Free Technical Support	•	•	•	•	•	•	•
	5 Year Warranty***	•	•	•	•	•	•	•

*IMD-02E compatible with Vertiv Intelligence Director, but it must be configured as a downstream device.

**Comprehensive power metrics available using Visible Light Communication (VLC) via Vertiv PDU Scanner Mobile App

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

Plug-n-Play Sensors

Temperature
Temperature/ Humidity/ Dew Point
Temperature x 3/ Humidity/ Dew Point Kit
Analog-to-Digital Converter

Dry Contact / 0-5V Sensors (requires A2D)

Door Position (NO/NC)
Flood Sensor (0-5V)
Power Failure Sensor (0-5V)

Visit Vertiv.com to view additional Sensors available.

USB Capabilities

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

Vertiv Intelligence Director

Daisy-chain up to 50 devices on a single IP address.
Reduce deployment time with self-configuration of downstream devices. Compatible with Vertiv Liebert® GXT4 UPS product line.

Configuration Utility

Device Director