

Interchangeable Monitoring Device (IMD) Comparison and Compatibility Chart



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

Vertiv PowerIT Upgradeable (GU) rPDU Features		IMD-01X	IMD-01DH IMD-01DV	IMD-03E-SH IMD-03E-SV	IMD-03E-GH IMD-03E-GV	IMD-5M	IMD-3E-GH IMD-3E-GV	IMD-3E-SH IMD-3E-SV	
Upgrade compatibility shown with		→						←	
rPDU Type	Basic	•							
	Metered		•						
	Monitored Unit Level			•	•	•			
	Monitored Outlet Level					•	•	•	
	Switched Unit Level Monitored					•	•	•	
	Switched Outlet Level Monitored					•	•	•	
	Rack Transfer Switch					•	•		
Hardware	Dual Ethernet Ports (10/100)			•				•	
	Dual Ethernet Ports (10/100/1000)				•	•	•		
	Environmental Sensor Ports			1	1	1	1	1	
	Environmental Sensor Capacity			16	16	16	16	16	
	USB			•	•	•	•	•	
	RS-232 via RJ45			•	•	•	•	•	
	128x128 pixel color LCD					•			
	Secure Boot					•			
	IMD Redundant Power Sharing					•			
	Internal Orientation Sensor					•			
WebServer	IPv6			•	•	•	•	•	
	HTTP/HTTP(S)			•	•	•	•	•	
	DHCP			•	•	•	•	•	
Firmware	JSON API			•	•	•	•	•	
	Fault-Tolerant Daisy Chaining			•	•	•	•	•	
	IP Aggregation with Vertiv Intelligence Director			•	•	•	•	•	
	Real Time Power Metrics			•	•	•	•	•	
	Data and Event Logging			•	•	•	•	•	
	SNMP (v1, v2c, v3)			•	•	•	•	•	
	Email Alerts			•	•	•	•	•	
	Alarm Escalations, Repeat, and 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	•	•	•	•	•	•	•	
	5 Year Warranty**	•	•	•	•	•	•	•	

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

**Warranty: 5-Year limited warranty

Please note: The IMD-02X, IMD-02E, IMD-03E, IMD-03E-S, IMD-3E, and IMD-3E-S have been discontinued. rPDUs with the IMD-02X, IMD-02E, IMD-03E, IMD-03E-S, IMD-03E-G installed can be upgraded to the IMD-5M. rPDUs with the IMD-3E, IMD-3E-S and IMD-3E-G installed can be upgraded to the IMD-5M. Upgrade IMDs purchased separately. Contact a Vertiv Sales Representative for more information.

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