

specifications

The SmartZone™ 1RU Inline Meter extends real-time aggregate power monitoring intelligence for up to two individual non-intelligent power distribution units (PDUs) installed in a rack or cabinet enclosure. The inline meter is installed as part of a primary/secondary topology, where all the critical intelligence and monitoring power supply for the inline meter is retained within a connected gateway. The inline meter allows for 1RU mounting options. Data captured from the inline meter will be used to display operational data through connected gateway firmware or through SmartZone™ Software platforms.



technical information

Dimensions: 482.60mm x 44.50mm (19" x 1.7")
Mounting: 1 RU mounting

key features and benefits

Extended intelligence	Layers intelligent monitoring capabilities for up to two individual non-intelligent PDUs to quickly and cost-effectively integrate DCIM benefits into legacy installations
Multi-device support	Consolidates individual monitoring of two different PDU devices through 1RU, cost-effectively adding monitoring to multiple PDU devices and saving valuable RU space
Primary/secondary network topology	Connects to a SmartZone™ Gateway device that houses the intelligence and monitoring power supply for the SmartZone™ 1RU Inline Meter within the gateway itself to simplify the network architecture and lower overall power consumption
1RU form factor	Offers 19" horizontal rack mountable unit that can be rack or underfloor mounted to optimize space within a cabinet or rack enclosure; front of rack display enables quick and easy access to power consumption data
Vendor neutral	Connects to any PDU to enable aggregate monitoring of any new or existing third-party devices, cost-effectively maximizing resources
RJ45 connection	Utilizes an RJ45 plug to quickly and easily connect SmartZone™ 1RU Inline Meter to a SmartZone™ Gateway port to simplify installation
SmartZone™ Software Suite integration	Captures actionable power and environmental data that can be utilized by SmartZone™ Software to enable data center operational and energy efficiencies, capacity management, and resilience

applications

SmartZone™ Power Monitoring Devices capture power consumption data of non-intelligent, vendor neutral equipment within IT and facility domains. SmartZone™ Power Monitoring Devices operate using intelligence and monitoring power supplied by SmartZone™ Gateways, connected via RJ45 ports. The gateways collect data captured from the power monitoring devices for display via gateway firmware or for utilization by SmartZone™ Software platforms. Unique form factors simplify installations, allowing IT and Facility teams to quickly and easily retrofit legacy (brownfield) installations with intelligence capabilities in a manner that cost-effectively maximizes current resources.

The Panduit® SmartZone™ 1RU Inline Meter captures aggregate power for up to two separate non-intelligent PDUs by quickly installing between the PDU power plugs and their primary power source, and then easily plugging the 1RU Inline Meter into an RJ45 gateway port. This rack-mounted device installs as a 1RU device and supports monitoring of up to two installed PDUs to save overall space. This makes the SmartZone™ 1RU Inline Meter ideal for existing data centers that want to upgrade or maximize multiple PDUs per rack and gain instant access to power consumption data via front of rack displays. It rapidly initiates power consumption monitoring and measurement of existing installed PDUs without the expense, time, or trouble of installing new PDU equipment.

