

PoE++ access switch

Meter S1

Best for: Powering Wi-Fi 7 APs and other PoE devices.

Full specifications

Ports	• 6× 25G (1G/10G/25G) SFP28 • 24× 2.5GbE (2.5G/1G/100M/10M) RJ-45
Out-of-band management	• 1× 1GbE (1G/100M/10M) RJ-45
Network standards	• IEEE 802.3 10BASE-T • IEEE 802.3u 100BASE-TX • IEEE 802.3ab 1000BASE-T • IEEE 802.3z 1000BASE-SX • IEEE 802.3bz (2.5GBASE-T) • IEEE 802.3ae 10GBASE-X • IEEE 802.3by (25GBASE-R) • IEEE 802.3bt Type 3 (Class 6) for PoE++
Maximum VLAN ID	• Up to 4096
Jumbo frame	• Up to 10K bytes
MAC table Size	• 32K
Packet buffer memory	• 3MB
Audio (normal operating conditions)	• 18dBA
MTBF	• 305k hours
Hardware features	• 6× 1/10/25G SFP28 • 24× 10/100/1000/2500BASE-T • 1× OOB ports • Auto MDI/MDIX • Auto-negotiation • IEEE 802.3x flow control for full duplex operation
Power	• 950W • Input voltage: 100-240V • Input frequency: 50-60Hz • Input current: 10A maximum at 115V/60Hz and 4.7 A maximum at 230V/50Hz
PoE capability	• Up to 60W per port, 720 W power budget
Sensors	• Temperature, Humidity, Power
LED indicators	• 3 independent state LEDs (RGB+W)

Specifications from Meter; subject to change.

Operation temperature	• 0 ~ 45°C (32 ~ 113°F)
Humidity	• Operation : 10 - 90% RH • Storage : 0 - 95% RH
Dimension (W × D × H)	• 440 × 340 × 44 mm
Weight	• 10.747 lbs / 4.87 kg
Certifications	• US/CA, EU, UK

Compliance standards	• EMC (Class A)
	  ◦ FCC 15B
	  ◦ ICES-003
	  ◦ CISPR32
	  ◦ CISPR35
	  ◦ CISPR24
	  ◦ EN 55032
	  ◦ EN 55035
	  ◦ EN 55024
	  ◦ EN 61000-3-2
	  ◦ EN 61000-3-3

Safety and restricted materials	• CB and UL Safety
	  ◦ EN IEC 62368-1 edition 3
	  ◦ AS/NZS 62368.1
	  ◦ UL 62368-1 edition 3
	• RoHS
	  ◦ EN IEC 63000

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