

Q ECS-24-PoE

Switching

WiFi

Camera Security

Door Access

Integrations

Advanced Hosting

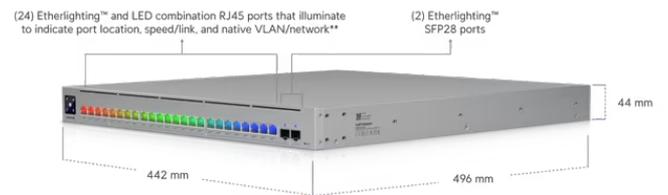
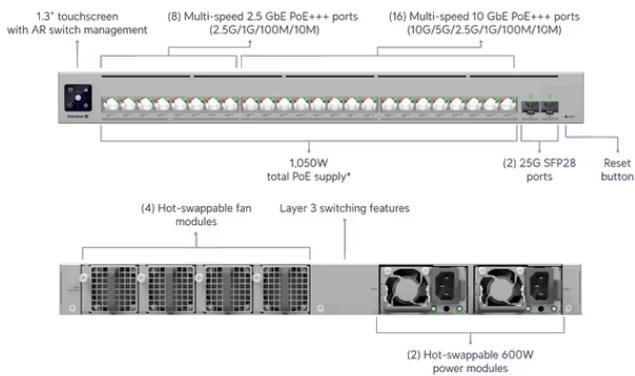
Enterprise > [Enterprise Campus 24 PoE](#)

Datasheet

In The Box

Marketing Images

Installation Guide



**Pair with UniFi Etherlighting Patch Cables for optimal brightness.

*With (2) 600W power modules in Shared Mode. Total available PoE is 450W in Redundant Mode. 1,200W power modules are sold separately.

Overview

Dimensions

442.4 x 43.7 x 496 mm
(17.4 x 1.7 x 19.5")

Port Layout

2.5 GbE RJ45

8 (All PoE+++)
(2.5G/1G/100M/10M)

10 GbE RJ45

16 (All PoE+++)
(10G/5G/2.5G/1G/100M/10M)

25G SFP28

2
(25G/10G/1G)

Max. PoE Output

Up to PoE+++

100-240V AC Shared Mode: 1,050W with (2) 600W modules
100-240V AC Redundant Mode: 450W with (2) 600W modules

Total PoE Availability

200-240V AC Shared Mode: 2,250W with (2) 1,200W modules
100-120V AC Shared Mode: 1,850W with (2) 1,200W modules

200-240V AC Redundant Mode: 1,050W with (2) 1,200W modules
100-120V AC Redundant Mode: 850W with (2) 1,200W modules

Redundancy (2) Hot-Swappable PSUs
(4) Hot-Swappable Fans

Layer 3 ✓

Form Factor Rack mount (1U)

Etherlighting™ ✓

^ **Performance**

Switching Capacity 460 Gbps

Total Non-Blocking Throughput 230 Gbps

Forwarding Rate 342 Mpps

Supported VLANs 1,000

MAC Address Table Size 128,000

L3 Table Size

ARP Entries 128,000

IPv4 Routes 256,000

Packet Buffer Size 8 MB

^ **Layer 3 Features**

DHCP Server (Local Networks) ✓

DHCP Relay ✓

Inter-VLAN Routing (Local Networks) ✓

Static Routing (Local Networks) ✓

^ **Layer 2 Features**

LACP Port Aggregation ✓

STP & RSTP ✓

Advanced IGMP Configuration (Querier, Fast Leave, Router Port) ✓

IGMP Snooping ✓

802.1X Control ✓

MAC-Based ACLs & Device Isolation	✓
DHCP Snooping & Guarding	✓
Egress Rate Limit	✓
Flow Control	✓
Storm Control	✓
Multicast & Broadcast Rate Limiting	✓
MAC Address Blocking	✓
IP-Based ACLs & Network Isolation	✓
MAC-Based Port Restriction	✓
Port Isolation	✓
Port Mirroring	✓
Jumbo Frames	✓
LLDP-MED	✓
Voice VLAN	✓
Loop Protection	✓
^ Hardware	
PoE Ports	
PoE+++	24
Max. PoE Wattage per Port by PSE	
PoE+++	90W
Max. Power Consumption	1,50W (Excluding PoE Output) 2,400W (Including PoE Output)
Power Method	(2) Universal input, 100-240V AC, 50/60 Hz, 50/60 Hz
Power Input Method	(2) AC input, Hot-swappable power modules
Power Supply	(2) Hot-swappable AC/DC 600W power modules
Supported Voltage Range	100—240V AC
Management	Ethernet AR
Heat Dissipation (Excluding PoE Output)	511.8 BTU/hr

Weight	Without mounting brackets: 9.46 kg (20.9 lb) With mounting brackets: 9.56 kg (21.1 lb)
Enclosure Material	SGCC steel
LCM Display	1.3" touchscreen
Fan Method	(4) hot-swappable fan modules
ESD/EMP Protection	Air: ± 12kV, contact: ± 12kV
Ambient Operating Temperature	-5 to 40° C (23 to 104° F)
Ambient Operating Humidity	10 to 90% noncondensing
Etherlighting™	
Ethernet	✓
SFP28	✓
LEDs	
Ethernet	✓
System	✓
Certifications	CE, FCC, IC
NDAA Compliant	✓
^ Software	
Application Requirements	
UniFi Network	Version 9.0.114 and later

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