

Tech Specs

UniFi UISP Branding

WiFi Switching Cloud Keys & Gateways Camera Security Door Access Power Tech New I

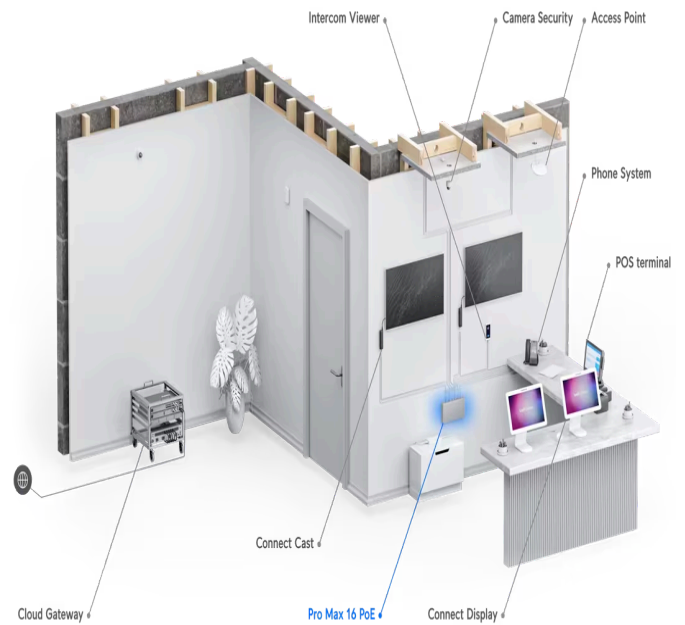
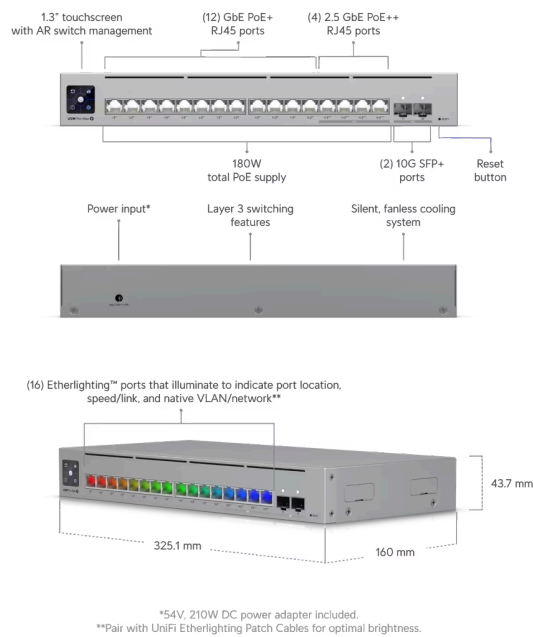
Switching > [Pro Max 16 PoE](#)

Datasheet

In The Box

Marketing Images

Installation Guide



Mechanical

Dimensions 325.1 x 160 x 43.7 mm (12.8 x 6.3 x 1.7")

Weight 2.1 kg (4.6 lb)

Enclosure material SGCC steel

Hardware

Management interface Ethernet In-Band

| | |
|-----------------------------------------|------------------------------------------------------------------------------------------------|
| Networking interface | (12) GbE RJ45 ports (4) 1/2.5 GbE RJ45 ports (2) 10G SFP+ ports |
| PoE interface | (12) PoE/PoE+ (Pins 1, 2+; 3, 6-) (4) 60W PoE++ (Pair A 1, 2+; 3, 6-) (Pair B 4, 5+; 7, 8-) |
| Total non-blocking throughput | 42 Gbps |
| Switching capacity | 84 Gbps |
| Forwarding rate | 62.496 Mpps |
| Power method | DC adapter |
| Power supply | 54V, 210W |
| Max. power consumption | 30W (Excluding PoE output) |
| Total available PoE | 180W |
| Max. PoE wattage per port by PSE | PoE: 15.4W PoE+: 30W PoE++: 60W |
| Voltage range PoE mode | PoE: 44—57V PoE+/PoE++: 50—57V |
| LCM display | (1) 1.3" touchscreen |
| Button | Factory reset |
| Ambient operating temperature | -5 to 40° C (23 to 104° F) |
| Ambient operating humidity | 10 to 90% noncondensing |
| Certifications | CE, FCC, IC |

Switching Features

| | |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Layer 2 features | IGMP snooping STP / RSTP with priorities and port-level disable Port isolation Storm control Voice VLAN Port mirroring LACP port aggregation Multicast / broadcast rate limiting MAC address blocking Flow control 802.1X control Jumbo frames |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Proprietary loop protection
DHCP snooping / guarding
Egress rate limit
LLDP-MED
Port restricted by MAC
Device isolation with ACLs

Layer 3 features

DHCP for locally-managed networks
DHCP relay
Inter-VLAN routing between networks on same switch
Static routing between local networks
Network isolation with ACLs

Etherlighting™

Ethernet

Locating
Speed/link
Native VLAN/network

SFP+

Locating
Speed/link
Native VLAN/network

Application Requirements

UniFi Network

Version 8.1.127 and later

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