



Overview

Dimensions	325.1 x 160 x 43.7 mm (12.8 x 6.3 x 1.7")						
Port Layout	<table border="0"> <tr> <td>1 GbE RJ45</td> <td>12 (All PoE+) (1G/100M/10M)</td> </tr> <tr> <td>2.5 GbE RJ45</td> <td>4 (All PoE++) (2.5G/1G/100M/10M)</td> </tr> <tr> <td>10G SFP+</td> <td>2 (10G/1G)</td> </tr> </table>	1 GbE RJ45	12 (All PoE+) (1G/100M/10M)	2.5 GbE RJ45	4 (All PoE++) (2.5G/1G/100M/10M)	10G SFP+	2 (10G/1G)
1 GbE RJ45	12 (All PoE+) (1G/100M/10M)						
2.5 GbE RJ45	4 (All PoE++) (2.5G/1G/100M/10M)						
10G SFP+	2 (10G/1G)						
Max. PoE Output	Up to PoE++						
Total PoE Availability	180W						
Layer 3	✓						
Form Factor	Rack mount (1U), desktop, wall						
Etherlighting™	✓						

Performance

Switching Capacity	84 Gbps				
Total Non-Blocking Throughput	42 Gbps				
Forwarding Rate	62 Mpps				
Supported VLANs	1,000				
MAC Address Table Size	16,000				
L3 Table Size	<table border="0"> <tr> <td>ARP Entries</td> <td>6,000</td> </tr> <tr> <td>IPv4 Routes</td> <td>512</td> </tr> </table>	ARP Entries	6,000	IPv4 Routes	512
ARP Entries	6,000				
IPv4 Routes	512				
Packet Buffer Size	1.5 MB				
Access Lists	<table border="0"> <tr> <td>IPv4</td> <td>128</td> </tr> <tr> <td>MAC</td> <td>128</td> </tr> </table>	IPv4	128	MAC	128
IPv4	128				
MAC	128				

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	✓
QoS (DSCP)	✓
Pro AV Profiles (Play, Dante, Q-SYS, NDI, SDVoE, Shure, AES67, Crestron)	✓
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	✓
Virtual Network Override	✓

Hardware

PoE Ports	<table border="0"> <tr> <td>PoE+</td> <td>12</td> </tr> <tr> <td>PoE++</td> <td>4</td> </tr> </table>	PoE+	12	PoE++	4		
PoE+	12						
PoE++	4						
Max. PoE Wattage per Port by PSE	<table border="0"> <tr> <td>PoE</td> <td>15.4W</td> </tr> <tr> <td>PoE+</td> <td>32W</td> </tr> <tr> <td>PoE++</td> <td>64W</td> </tr> </table>	PoE	15.4W	PoE+	32W	PoE++	64W
PoE	15.4W						
PoE+	32W						
PoE++	64W						
Max. Power Consumption	25W (Excluding PoE Output) 210W (Including PoE Output)						
Power Method	AC Adapter						
Power Input Method	AC input						
Power Supply	AC/DC, external, 210W						
Supported Voltage Range	50—54V DC						
Management	Ethernet AR						
Heat Dissipation	68 BTU/hr (Excluding PoE Output)						
Weight	2.1 kg (4.6 lb)						
Enclosure Material	SGCC steel						
Mount Material	SGCC steel						
Supported Rack Depth	400-1200 mm (15.7-47.2")						
LCM Display	1.3" touchscreen						
Ambient Operating Temperature	-5 to 40° C (23 to 104° F)						
Ambient Operating Humidity	10 to 90% noncondensing						
Etherlighting™	<table border="0"> <tr> <td>Ethernet</td> <td>✓</td> </tr> <tr> <td>SFP+</td> <td>✓</td> </tr> </table>	Ethernet	✓	SFP+	✓		
Ethernet	✓						
SFP+	✓						
NDAA Compliant	✓						
Certifications	CE, FCC, IC, Anatel: 08953-24-08356						

Software

Application Requirements	<table border="0"> <tr> <td>UniFi Network</td> <td>Version 8.1.127 and later</td> </tr> </table>	UniFi Network	Version 8.1.127 and later
UniFi Network	Version 8.1.127 and later		