



Overview

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|----------------|---|------------|---------------------|--------------|-------------------------|----------|---------------|
| Dimensions | 442 x 325 x 44 mm (17.4 x 12.8 x 1.7") | | | | | | |
| Port Layout | <table> <tr> <td>1 GbE RJ45</td> <td>16 (1G/100M/10M)</td> </tr> <tr> <td>2.5 GbE RJ45</td> <td>8 (2.5G/1G/100M/10M)</td> </tr> <tr> <td>10G SFP+</td> <td>2 (10G/1G)</td> </tr> </table> | 1 GbE RJ45 | 16 (1G/100M/10M) | 2.5 GbE RJ45 | 8 (2.5G/1G/100M/10M) | 10G SFP+ | 2 (10G/1G) |
| 1 GbE RJ45 | 16 (1G/100M/10M) | | | | | | |
| 2.5 GbE RJ45 | 8 (2.5G/1G/100M/10M) | | | | | | |
| 10G SFP+ | 2 (10G/1G) | | | | | | |
| Redundancy | DC Power Backup | | | | | | |
| Layer 3 | ✓ | | | | | | |
| Form Factor | Rack mount (1U) | | | | | | |
| Etherlighting™ | ✓ | | | | | | |

Performance

| | | | | | |
|-------------------------------|---|-------------|-------|-----|-----|
| Switching Capacity | 112 Gbps | | | | |
| Total Non-Blocking Throughput | 56 Gbps | | | | |
| Forwarding Rate | 83 Mpps | | | | |
| Supported VLANs | 1,000 | | | | |
| MAC Address Table Size | 16,000 | | | | |
| L3 Table Size | <table> <tr> <td>ARP Entries</td> <td>6,000</td> </tr> </table> | ARP Entries | 6,000 | | |
| ARP Entries | 6,000 | | | | |
| Access Lists | <table> <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

| | | | | | |
|-------------------------------|--|----------|---|------|---|
| Max. Power Consumption | 50W | | | | |
| Power Method | (1) Universal input, 100—240V AC, 50/60 Hz (1) USP RPS DC input | | | | |
| Power Input Method | AC input | | | | |
| Power Supply | AC/DC, internal, 60W | | | | |
| Supported Voltage Range | 100—240V AC | | | | |
| Management | Ethernet AR | | | | |
| Heat Dissipation | 170.6 BTU/hr | | | | |
| Weight | Without mounting brackets: 4.2 kg (9.3 lb) With mounting brackets: 4.3 kg (9.5 lb) | | | | |
| Enclosure Material | SGCC steel | | | | |
| Mount Material | SGCC steel | | | | |
| Supported Rack Depth | 400-1200 mm (15.7-47.2") | | | | |
| LCM Display | 1.3" touchscreen | | | | |
| ESD Protection | Air: ± 16kV, contact: ± 12kV | | | | |
| Ambient Operating Temperature | -5 to 40° C (23 to 104° F) | | | | |
| Ambient Operating Humidity | 10 to 90% noncondensing | | | | |
| Etherlighting™ | <table> <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: 06374-24-08356 | | | | |

Software

| | | | |
|--------------------------|--|---------------|--------------------------|
| Application Requirements | <table> <tr> <td>UniFi Network</td> <td>Version 8.0.24 and later</td> </tr> </table> | UniFi Network | Version 8.0.24 and later |
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