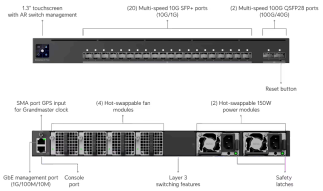


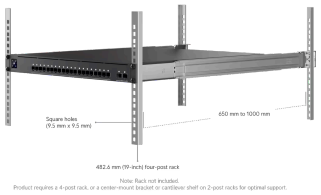
# Enterprise Audio/Video Fiber

EAV-Fiber

Datasheet | In The Box | Marketing Images | Accessories | Installation Guide









## Overview

| | |
|---|---|
| Dimensions | 442.4 x 480 x 43.7 mm<br>(17.4 x 18.9 x 1.7") |

Port Layout

| | |
|---|---|
| 1 GbE RJ45 | 1<br>(1G/100M/10M) |
| 10G SFP+ | 20<br>(10G/1G) |
| 100G QSFP28 | 2<br>(100G/40G) |
| Console | 1 |
| SMA | 1 |

| | |
|---|---|
| Redundancy | (2) Hot-Swappable PSUs<br>(4) Hot-Swappable Fans |
| Layer 3 | ✓ |
| Form Factor | Rack Mount (1U, Full-Depth) |
| Etherlighting™ | ✓ |

## Performance

| | |
|---|---|
| Switching Capacity | 800 Gbps |
| Total Non-Blocking Throughput | 400 Gbps |
| Forwarding Rate | 595 Mpps |
| Supported VLANs | 1,000 |
| MAC Address Table Size | 32,000 |
| IPv4 Static Routes | 512 |
| Packet Buffer Size | 8 MB |
| Access Lists | |
| — IPv4 | 256 |
| — MAC | 256 |

## 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) | ✓ |
| PTPv2 | ✓ |

| | |
|---|---|
| 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

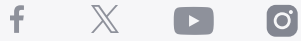
| | |
|---|---|
| Max. Power Consumption | 150W |
| Power Method | (2) Universal input, 100-240V AC, 50/60 Hz |
| Power Input Method | (2) AC input, Hot-swappable power modules |
| Power Supply | (2) Hot-swappable AC/DC 150W power modules |
| Supported Voltage Range | 100-240V AC |

| | |
|---|---|
| Management | Ethernet<br>AR<br>Serial Console |
| Heat Dissipation | 512 BTU/hr |
| Weight | Without mounting brackets: 8.95 kg (19.7 lb)<br>With mounting brackets: 9.05 kg (20 lb) |
| Enclosure Material | SGCC steel |
| Mount Material | SGCC steel |
| Supported Rack Depth | 482.6 mm (19") four-post racks<br>Posts depths ranging from 650 to 1,000 mm (25.6–39.4") |
| LCM Display | 1.3" touchscreen |
| Fan Method | (4) Hot-swappable fan modules |
| ESD Protection | Air: ± 12KV, contact: ± 8KV |
| Ambient Operating Temperature | -5 to 40° C (23 to 104° F) |
| Ambient Operating Humidity | 10 to 90% noncondensing |
| Etherlighting™ | |
| — SFP+ | ✓ |
| — QSFP28 | ✓ |
| LEDs | |
| — Ethernet | ✓ |
| — PSU | ✓ |
| — Fan | ✓ |
| NDAA Compliant | ✓ |
| Certifications | CE, FCC, IC |

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