

EdgeSwitch 18X

Ideal for larger-scale WISP applications, the EdgeSwitch® 18X is an affordable high-performance switch with SFP ports and a fanless design. Sixteen Gigabit RJ45 ports offer copper connectivity with PoE input on port 1 and PoE passthrough on port 16. Two SFP ports offer fiber connectivity.



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Mechanical

Dimensions 299.8 x 160 x 43.7 mm (11.8 x 6.3 x 1.7")

Weight Without Mount: 1.15 kg (2.54 lb)
With Mount: 1.43 kg (3.15 lb)

Enclosure Material Metal

Mount Material Metal

Hardware

Total Non-Blocking Throughput 18 Gbps

Switching Capacity 36 Gbps

Forwarding Rate 26.78 Mpps

Max. Power Consumption 14W (Excludes PoE Output)

ESD/EMP Protection Air: ± 16 kV, Contact: ± 8 kV

Power Method External AC/DC Adapter
24V Passive PoE

Power Supply 24VDC, 1.0A Power Adapter (Included)
24V Passive PoE

Supported Voltage Range 9 - 30VDC

Networking Interfaces (16) 10/100/1000 Mbps Ethernet RJ45 Ports
(2) 1 Gbps SFP Ports

PoE Interfaces (1) 24V Passive PoE Port (Pins 4, 5+; 7, 8-)

Management Interface Ethernet In-Band

Passive PoE Max Wattage per Port 15W

Passive PoE Voltage Range 24V

Operating Temperature -10 to 50° C (14 to 122° F)

Operating Humidity 10 - 90% Noncondensing

Certifications CE, FCC, IC

LEDs

System (1) White/Blue

Ethernet Green: 1G, Amber: 10/100 Mbps

SFP Green: 1G

Software

Mode Layer 2 Ethernet Switch

VLAN 4K VLANs

QoS (16) Priority Queues per User Port and Traffic Classification

Jumbo Frame 10 KB

PoE Enable/Disable Passive PoE

Other TFTP Recovery

Ubiquiti Specific Features Ubiquiti Discovery

Minimum Software Requirements Web Browser (Chrome Recommended)

