

## 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.



### EdgeSwitch® 18X

#### Mechanical

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

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

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**Enclosure Material** Metal

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**Mount Material** Metal

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#### Hardware

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**Total Non-Blocking Throughput** 18 Gbps

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**Switching Capacity** 36 Gbps

**Forwarding Rate** 26.78 Mpps

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**Max. Power Consumption** 14W (Excludes PoE Output)

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**ESD/EMP Protection** Air:  $\pm 16$  kV, Contact:  $\pm 8$  kV

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**Power Method** External AC/DC Adapter  
24V Passive PoE

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

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**Supported Voltage Range** 9 - 30VDC

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

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

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**Management Interface** Ethernet In-Band

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**Passive PoE Max Wattage per Port** 15W

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**Passive PoE Voltage Range** 24V

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

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**Operating Humidity** 10 - 90% Noncondensing

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**Certifications** CE, FCC, IC

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## LEDs

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**System** (1) White/Blue

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

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**SFP** Green: 1G

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## Software

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**Mode** Layer 2 Ethernet Switch

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**VLAN** 4K VLANs

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

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**Jumbo Frame** 10 KB

**PoE** Enable/Disable Passive PoE

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**Other** TFTP Recovery

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**Ubiquiti Specific Features** Ubiquiti Discovery

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**Minimum Software Requirements** Web Browser (Chrome Recommended)

