EdgeSwitch-10X

Smaller, lighter, more power-efficient, and cost-effective (SWaP-C)

Rugged Outdoor 5 Port 10G Switch



Features and Benefits

The **Antronix EdgeSwitch-10X** is a compact, outdoor-rated, thermally hardened, low-power 5 port 10G network switch with 4SFP+ and 1 POE 1G Ethernet port for failover power and\or uplink.

Designed for rugged military or industrial needs; this 4 SFP+ Port 10G Switch can accommodate 4SFP+ devices such PON or POL OLT, 10G-T, MoCA SFP; and other optical SFP+. The **EdgeSwitch-10X** delivers the enterprise capabilities in small, lightweight; power and cost efferent rugged\outdoor a temperature-hardened (-40c to 65c) enclosure suitable for the most demanding environments. The **EdgeSwitch-10X** is available in a multitude of powering options; including integrated AC\DC and DC\DC and\or external power supplies. In addition, the **EdgeSwitch-10X** can be co-located with redundant power supplies such as solar power and or battery backup system.

- 4 SFP+ 10G Ports and 1G Ethernet Port
- Passively Cooled
- Outdoor - IP68 - Hardened -40°C to 65°C operating temperature
- Compact size, 11x8x5
- Light Weight: 8lb
- Low power consumption <20W



Compact, Light Weight, Passively Cooled,
Outdoor, Low Power

Ethernet Switch

440 Forsgate Drive, Cranbury, NJ 08512 • T: 609.860.0160 • antronix.com

EdgeSwitch-10X

Smaller, lighter, more power-efficient, and cost-effective (SWaP-C)

Rugged Outdoor 5 Port 10G Switch

Forwarding	Full non-blocking wire speed switching Large Unicast FDB for Layer 2 unicast forwarding Forwarding Database works based on SVL or IVL Port Isolation Jumbo frame support - 10218 bytes
Spanning Tree Protocol	RSTP support
Link Aggregation	Supports 802.3ad LACP groups Supports static link aggregation groups Up to 16 link aggregation groups Up to 8 member ports per group Hardware automatic failover and load balancing
Multicast Forwarding	IGMP Snooping support Unknown Multicast Filtering
Mirroring	Port-based mirroring
VLAN	Fully compatible with IEEE802.1Q Port-based VLAN Up to 250 VLAN entries (limited by SwOS) VLAN filtering
Security	Port Lock Broadcast Storm Control DHCP & PPPoE Snooping
Quality of Service (QoS)	Ingress traffic limiting
Access Control List	Ingress ACL tables Up to 32 ACL rules (limited by SwOS) Classification based on ports, L2, L3, L4 protocol header fields ACL actions include filtering, forwarding, and modifying the protocol header fields
Power Supply	20 Watts (typical) 120vac \ External 12 vdc \ POE \ CATV 60~90vac
Operating Temperature	-40 ºC to 65 ºC (-40 ºF to 158 ºF)
Physical Size & Weight	11.25 x 8.4 x 4.75 inches - 8 lbs.
Networking	Switching Capacity – 81 Gbps Non-Blocking throughput – 41 Gbps

440 Forsgate Drive, Cranbury, NJ 08512 • T: 609.860.0160 • antronix.com

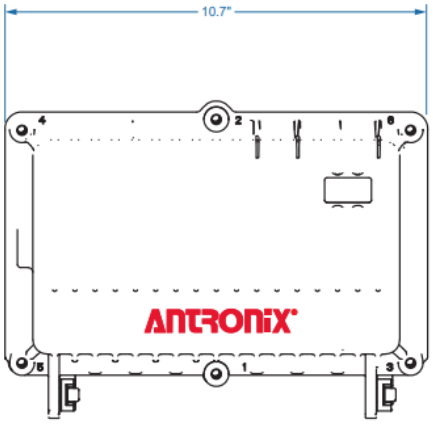
EdgeSwitch-10X

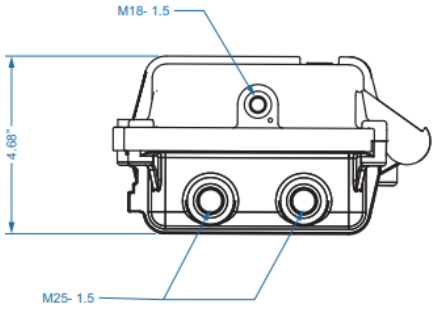
Smaller, lighter, more power-efficient, and cost-effective (SWaP-C)

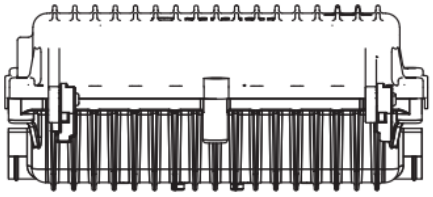
Rugged Outdoor 5 Port 10G Switch

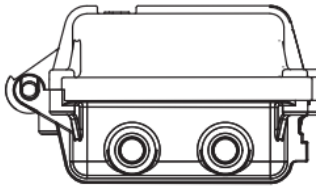


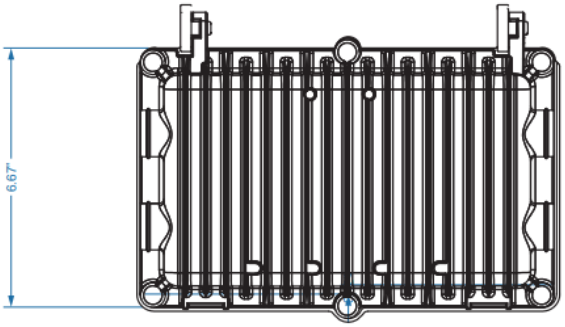












440 Forsgate Drive, Cranbury, NJ 08512 • T: 609.860.0160 • antronix.com