

Opti power Outdoor Enclosure



The Opti power Enclosure comprises robust industrial-grade PoE switches designed for outdoor deployments, offering IP67-rated protection and 6KV PoE surge protection to ensure reliability in harsh conditions. These switches support flexible uplink options with SFP transceivers and provide data rates of up to 1Gbps. Housed in an IK10-rated aluminum enclosure, these switches are ideal for powering and connecting outdoor IP cameras, wireless APs, and other industrial devices over extended distances.

Features

- Flexible SFP transceiver ports for uplink
- IP67 standard with IK10 impact rated aluminum housing
- IEEE 802.3bt 90W bt PoE with 6KV PoE surge protection
- Supporting 10/100/1000Mbps data rates
- Provision for Fiber Splice Tray inside the enclosure.
- Covered under 3C3® Performance Warranty

Mechanical Specifications

Dimensions (LxWxH)	: 315.4 x 245.8 x 118mm
Mounting Type	: Wall mount/ Poll Mount
	PF 3/4" conduit cable gland - 1pc
Connectors	: M25 cable gland with 5x5mm holes - 1pc
	M16 cable gland 1x6.5mm hole - 4pc

Interface Specifications

Total Gigabit Ports	: 8
Gigabit PoE Ports	: 4 x 90W bt PoE
30W IEEE802.3 at PoE	: Support
90W IEEE802.3 bt PoE	: Support
SFP Slots (1G)	: 2
Gigabit Ports (RJ45)	: 2
Forwarding Capacity	: 11.904Mpps
Mac Table	: 8 k
Jumbo Frames	: 9,216 Bytes

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Power Specifications

Input Voltage	:	12VDC ~ 56VDC
Output Voltage	:	12VDC ~ 56VDC
Output Voltage Range / per PoE Port	:	54 VDC PoE 802.3af (15.4W) output PoE+ 802.3at (30W) output PoE++ 802.3bt (90W) output
PSE Power Pin Assignment	:	12(-),36(+),45(+),78(-)
Switch power consumption (without PoE)	:	5W
PoE Power Budget	:	12VDC:90W 24VDC:160W 48VDC:360W
Surge Protection / each PoE Port	:	6KV

Splice Tray Specifications

Material	:	SPCC
Color	:	Black
Dimensions (L x W x H)	:	186 x 132.8 x 101.8 mm
No. of Ports	:	6
Max. Splice Capacity	:	12F

Environmental Specifications

Storage Temperature	:	-40°C~+85°C
Operating Temperature	:	-40°C~+65°C
Operating Humidity	:	5% ~ 95% non-condensing
IP rating	:	IP67
Vandal Proof	:	IK10

Ordering Information

Product Code	Description
87310-000-0000	Opti power Outdoor Enclosure, 4*90W bt PoE, 2*SFP, 2*RJ45 Switch with 12-56VDC input
87320-000-0000	Splice Tray