

# Specifications

## C-120 Series Unmanaged PoE++ Switch and Injector

Signamax C-120 Series switches provide businesses a cost-effective way to connect high power devices with up to 95W PoE++ per port.





### ORDERING INFORMATION

PART NO.	DESCRIPTION
SC12010	C-120 4 Port Gigabit PoE++ Switch with SFP Port
SC12020	C-120 Gigabit PoE++ Injector

### KEY FEATURES

- Zero touch Plug and Play connectivity
- 802.3bt PoE++ up to 95W per port
- Gigabit SFP uplink interface
- Non-Blocking switches with up to 12 Gbps Bandwidth Support
- Rugged metal case
- Wall mounting option
- Fanless design for silent operation
- 5 year hardware warranty & support for no additional cost

PART NUMBER		SC12010	SC12020
<b>Switches</b>			
<b>Ports</b>	PoE Ports	4 - 10/100/1000	1 - 10/100/1000
	Uplink Ports	1 x Gigabit SFP 1 x 10/100/100	0
<b>Performance</b>	Switching Capacity	12Gbps	N/A
	Forwarding Rate	8.93Mpps	N/A
<b>PoE</b>	PoE Budget	240W	95W
<b>Electrical Characteristics</b>	Max Power Consumption	246W	99W
<b>Physical Characteristics</b>	Dimensions	4.625 x 3.75 x 1.1 in (11.8 x 9.5 x 2.8 cm)	3.15 x 3.0 x 1.0 in (8.0 x 7.6 x 2.5 cm)
	Weight	0.65 lb (0.29 kg)	0.22 lb (0.1 kg)
	Fanless	Yes	Yes
	Mounting	Wall Mountable	Wall Mountable

## MOUNTING KITS

### Replacement Wall Mounting Kits

AM30110	Wall Mount Kit for 4 Port Switch
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## SFP MODULES

PART NO.	DESCRIPTION
065-79SXMG	1000SX MultiMode SFP Module 850nm up to 550m
065-79SXEDMG	1000SX Extended Distance Multimode SFP Module 1310nm up to 2km
065-79LXMG	1000LX Single-Mode SFP module 1310nm up to 10km
AS10010	100FX for GE Port Multimode SFP module 1310nm up to 2km
AS10020	100LX for GE Port Singlemode SFP module 1310nm up to 15km
065-791000TTXMG	10/100/1000TX SFP Module 100m span

For a complete list of SFP Modules visit [www.signamax.com](http://www.signamax.com).

## SPECIFICATIONS

### PERFORMANCE

- 8K MAC Addresses
- 4Mb Packet Buffer
- Supports 10K Jumbo Frames
- Wirespeed Forwarding

### LAYER 2

- IEEE 802.3 10BaseT
- IEEE 802.3u 100BaseTX
- IEEE 802.3ab 1000BaseT
- IEEE 802.3 Auto-Negotiation
- IEEE 802.3x Flow Control

### PoE

- Support IEEE 802.3af/802.3at/802.3bt on each port
- Dynamic Power Allocation

### ELECTRICAL CHARACTERISTICS

- Power Supply AC Input:** 100 - 240 V AC, 50/60 Hz
- MTBF:** 100K hrs
- 4kV LAN Surge protection

### ENVIRONMENTAL REQUIREMENTS

- Operating Temperature:** 14 to 131°F (-10 to 55°C)
- Storage Temperature:** -40 to 158°F (-40 to 70°C)
- Operating/Storage Humidity:** 5 to 95% (non-condensing)

### CERTIFICATIONS

- CE Mark: EN 55022, Class B; FCC Part 15 Class B; VCCI Class B
- Safety: CE/LVD EN60950

### WARRANTY

- Five Years (Including power supply)

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