

POE Midspan Injectors

Features

- High Power Passive Midspan POE Injectors
- Up to 19W per Individual Port
- 18V and 24V models available
- 1U Standard Rack Mount (19" and 23")
- Supports non standard 802.3af devices
- Remotely Power Multiple Equipment thru CAT5 Cable up to 100m
- Built in Ethernet surge supression



Applications

- Wireless Access Points and Client Devices
- IP Phone and Security Camera Systems
- Power network devices from a central network room

Description

The **TP-NCMS312** series of rack mount mid span POE power sources are used for supplying POE and data to multiple devices from a central location such as an operations room. The POE devices feature a separate data-in port coupled with a data out/POE port which employs built in Ethernet surge suppression. The POE function is not IEEE802.3af compliant, useful for powering those devices that require a voltage other than 48V.

POE DC Voltage is supplied on pins 4,5 (V+) and 7,8 (V-). Maximum power output per rack mount unit is 200W. The individual outputs are overload, short circuit and surge protected.

The **TP-NCMS312** has 12 POE ports.

The 1U rack mounting accommodates 19" or 23" racks with included brackets.

Device Pinouts

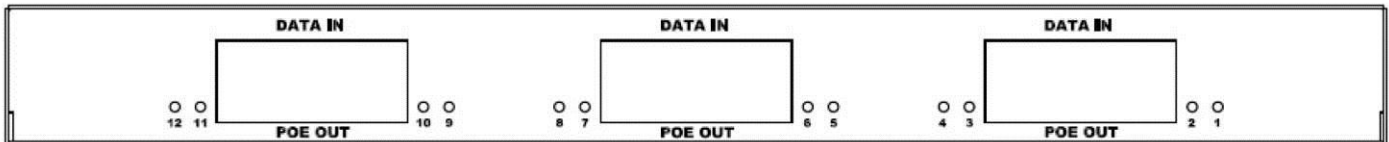
RJ-45 Input Port (Data Only)			RJ-45 Output Port (Data & Power)	
Pin	Symbol	Description	Symbol	Description
1	RX+	Data Receive(+)	RX+	Data Receive(+)
2	RX-	Data Receive(-)	RX-	Data Receive(-)
3	TX+	Data Transmit(+)	TX+	Data Transmit(+)
4	NC	No Connection	+Vdc	DC power(+)
5	NC	No Connection	+Vdc	DC power(+)
6	TX-	Data Transmit(-)	TX-	Data Transmit(-)
7	NC	No Connection	-Vdc	DC power(-)
8	NC	No Connection	-Vdc	DC power(-)

Specifications

TP-NCMS312	
Ethernet Standard	IEEE802.3/IEEE802.3u (10 base-T/100base-T)
POE Standard	Non Compliant - POE Voltage supplied on pins 4,5(+), 7,8(-)
Shielded RJ45 Ports	12 data-in ; 12 data/POE out
Max Device Distance	100m (328ft)
Max Current per Port	0.8A @ 24VDC ; 1A @ 18VDC
POE Protection	Over Temperature, Over Current, Over/Under Voltage
LED's	Power On (Green On) Power On Alarm (LED OFF)
AC Power Input	100~240VAC, 50/60Hz
Max Power Consumption	230W
Operating Temperature	0 to +40°C (32 to 104°F)
Operating Humidity (RH)	10% - 90% (non condensing)
Storage Temperature	-20 to +80°C (-4 to +176°F)
Dimensions (LxWxH)	429 x 189 x 42mm (16.9 x 7.4 x 1.65") 1U rack mount 19" and 23"
Weight	2.7kg (6lb)

Notes:

- All shipments F.O.B. Bluffdale, UT 84065
- TP-NCMS Midspan POE carry a 1 year warranty



System Ordering:

TP-NCMS312-18

12 Port 18V POE Mid Span Injector with US Power Cord*

TP-NCMS312-24

12 Port 24V POE Mid Span Injector with US Power Cord*

*Add an "E" suffix for Euro power cord

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