

Complex PoE PLUS

PoE+ 1A4815 6A4815, PoE+ 1A4825 6A4825,
PoE+ 1P4830 6P4830, PoE+ 1P0000 6P0000,

The Complex PoE+ (1A/6A4815) is an IEEE 802.3af compatible high power active injector designed for wireless Access Points. Supporting an output power of 15 W.

The Complex PoE+ (1A/6A4825) high power active injector supports a higher output power of 25 W. It supports the same IEEE 802.3af handshake protocol as Complex PoE+ (1A/6A4815) but has a higher current power source and a higher current cutoff setting.

The Complex PoE+ (1P/6P4830) is a high power passive injector that supports an output power of 30W. This injector is not IEEE802.3af compatible, Incompatible receiving equipment can be damaged by this injector.

The Complex PoE+ (1P/6P0000) is the injector of 1P/6P4830. The only difference is that it does not include the 48V power supply. The output power will then depend on the power rating of the power supply that you choose to use (Up to 30W).

Advanced Auto-Sensing Algorithm (Only for 1A/6A4815 and 1A/6A4825)

Advanced Auto-Sensing Algorithm will provide power only to IEEE 802.3af compatible equipment.

Cost Effective

Complex PoE Plus are cost-effective solution for deploying Wireless Access Point in indoor or outdoor environments where power source is not readily available or power cables are not permitted.

TECHNICAL SPECIFICATIONS

Model	PoE+ (1A/6A4815)	PoE+ (1A/6A4825)	PoE+ (1P/6P4830)	PoE+ (1P/6P0000)
Active or Passive	Active	Active	Passive	Passive
Output Power	48V / 15W	48V / 25W	48V / 30W	48V / (Up to 30W)
802.3af COMPLIANCE	Yes	Yes*	No	No
Power Supply Included	Yes	Yes	Yes	No

STANDARD COMPLIANCE

IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX

INTERFACE

Injector: 2 X RJ45 port,
1 X Power Supply Connector

NETWORK MEDIA

10BASE-T Ethernet: UTP Cat. 3,4,5, Unshielded Twisted Pair (UTP) Cable
100BASE-TX Fast Ethernet: UTP Cat. 5, Unshielded Twisted Pair (UTP) Cable

DATA TRANSFER RATE

10 / 100 Mbps

LED INDICATORS

Injector: Remote Power, Local Power

TEMPERATURE

Operating: 0 ~ 40 °C Storage: -10 ~ 70 °C

DIMENSION (Without supplied Power Adapter)

220x25x22mm

CONFIGURATION CODES

PoE+ 1A (lead)	PoE+ 1P (lead)
PoE+ 6A (RoHS)	PoE+ 6P (RoHS)

*802.3af handshake protocol compatible but exceeds standard cut-off current ratings.



- ◆ Supports both 10 or 100Mbps network connectivity to a Wireless Access Point
- ◆ Allows Wireless Access Point to be deployed without a nearby power source

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