

WS-POE-12v12w for 12 volt cameras



12 volt Splitter



Typical non-PoE 12v devices

Product Description - WS-POE-12v12w

This device provides a low cost solution for delivering power to a 12 volt camera over 328ft of network cable. This scheme allows power to be carried on 10/100 networks over the spare, unused pairs of a CAT5, CAT5E, CAT6 or CAT7 Ethernet network cable. Use with our 24v PoE switches or multiport PoE injectors.

Not intended for use with Cisco / Netgear type 802.3af PoE switches – this passive PoE solution operates from any supply from 10v to 30v, and the output voltage is 12v 2 amps.

Normally used together with a power supply for 1 to 16 cameras, it is a compact and cost effective power solution. The injector inserts 24 volts DC at the source location. The higher DC voltage means the current is reduced by a factor of 4, and then carried with less loss over the spare pairs of the 10BASE-T or 100BASE-T network cable. The splitter extracts the DC voltage from the network cable and reduces the voltage to 12v, and increases the available current by the same factor to power the camera on the 2.1 mm x 5.5 mm splitter jack. Unlike simple injector / splitter sets, this combination of a 24v power supply and 12v converter allows you to extend the distance with this product for this application up to 328ft or 100 meters.

We also offer kits with up to 16 injectors – so one power supply can feed 4, 8, 12 or 16 cameras. These kits include the Multi Port Passive POE injector and a power supply of either 30 watts, 60 watts or 120 watts.

Typical Cameras

- Outdoor Foscam W series Tenvis, Wansview, Maygion, EasyN, Apexis, EasySF,
- any 12v device
- adapters available for 2.5 mm x 5.5mm devices, 0.7 and other sizes



multiport injectors

Specifications

Power and data source	RJ 45 female connector
DC output	2.1mm x 5.5mm
Data only connector	10BASE-T, 100BASE-T RJ-45 male
Data Pins	1&2 and 3&6
Power Pins (input)	4&5 and 7&8
Input Voltage Max	Up to 30v standard – 48 volt optional
Input Current at 24v	550 ma input delivers 1 amp out
Output Voltage Max	12v +- 2% at 1 amp 12 watts
Operating Temperature	0°C ~ 50°C
Size	19 x 35 x 50 mm



Kit with PoE switches and splitters



Ask about our adapters for all connector sizes



Injector for 1 device

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