



Austin Led Consultants

DMX and Led power over ethernet

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PL-AF-Flood

802.3af PoE outdoor floodlight with PIR 8 and 16 watt options

Product Description - PL-AT-Flood

This Floodlight is powered by Ethernet cable! You can now add motion controlled light anywhere – without the need for 110v wiring. Bright 8 or 16 watts of long lifetime LED lighting is activated by a Passive Infrared Sensor. This device allows power and data to be carried on 10/100 networks with either 802.3af or passive injectors and switches over CAT5e, CAT6 or CAT7 Ethernet network cable. PIR detection for motion activation of the LED light.

Intended for use with Cisco or similar PoE switches, or our PoE injectors, this active PoE solution negotiates with the switch to activate power for the built-in LED. It is the easiest to install outdoor lighting solution. The PoE switch supplies 48 or 56 volts DC at the source location, the LED floodlight can be up to 328 ft away.

We also offer kits with up to 16 ports of PoE power – so one power supply can feed 4, 8, 12 or 16 floodlights at less cost than a Cisco switch. These kits include the Multi Port Passive POE injector and a power supply of 30 watts, 60 watts or 120 watts.

Another version, the PL-POE-Flood also has a PoE output connector – attach a PoE Camera and LED floodlight from the same CAT-5e cable up to 328 ft from the source. Connect a PL-POE-Flood and PL-AT-Flood in series to cover two areas from one CAT-5 line.

Specifications

Power source	RJ 45 male connector 802.3af mode A
Power Protocol	802.3af class 3 for 8 watt LED 802.3at for 16 watt LED
Input voltage range	44v to 57 volts
Power and Data pins in	1&2 and 3&6 from PoE switch – either polarity
RJ45 Connector	IP67 waterproof, 150cm length
Max Power consumption	9 watts in for 8 watts of LED light 17 watts in for 16 watts of LED light
Input Current at 48v	200 ma input delivers 8 watts to LED
Motion Detection	Passive PIR, adjustable
LED Color Temperature	Warm White, 4000 °K
Operating Temperature	0°C ~ 50°C
Size	225 x 250 x 185 mm with 40 cm cord



Use any PoE switch up to 328 ft from the LED flood light.

Daisy Chaining

To power more than one PoE-Flood from one CAT-5e line, use our PL-POE-Flood at the remote end and the WS-POE-8-ENC at the source. This method uses all 4 pins to deliver up to 40 watts of LED light.




Motion Detection dials



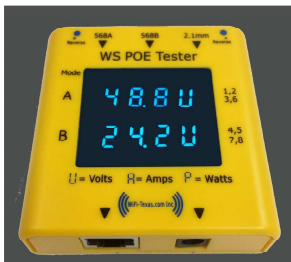
Clockwise = maximum

Knob	Min	Max
Sens	5 ft	35 ft
Time	5 sec	120 sec
Lux	Night only	Day and night

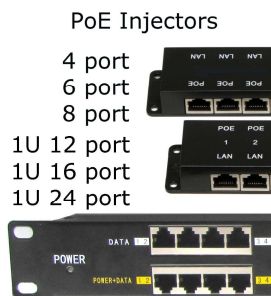
Order information

LED order codes – Mode B	Description
PL-POE-Flood-8w mode B	8 watt – power on pins 4&5: 7&8 pass thru 1&2: 3&6
PL-POE-Flood-16w mode B	16 watt – power on pins 4&5: 7&8 pass thru 1&2: 3&6
Injectors - Flood + camera	Add on to any switch
WS-POE-In-48v15w	Mode B Injector add-on for PoE switches for one Flood-LED, passthru mode A
Multiport Injectors	Add on to any switch
WS-POE-8-48v60w	Mode B Injector add-on for PoE switches to add 7 Flood-LEDs, wall mount, mode A passthru
WS-POE-12-48v120w	Mode B Injector add-on for PoE Switches to add 12 Flood-LEDs, rack mount, mode A passthru
 <p>Single power injector</p>	 <p>12 Gigabit Ethernet Ports</p> <p>one power supply</p>  <p>Power 8 Devices Over Ethernet</p> <p>Multiport Injectors</p>
LED order codes – Mode A	Description
PL-AF-Flood-8w mode A	8 watt – power on pins 1,2: 3,6 802.3af switch compatible
PL-AT-Flood-16w mode A	16 watt – power on pins 1,2: 3,6 802.3at switch compatible
Alternative Passive Injectors	For PL-AF-Flood in 802.3af mode A
WS-GPOE-16-48v240w	16 port injector for up to 16 lights at the same time.
WT-GPOE-8-48v60w	8 port injector for up to 7 lights at the same time.
WT-GPOE-1A-48v15w	Single port injector (or use any PoE switch)

Other PoE Products



PoE- watt meter



PoE Injectors

4 port
6 port
8 port
1U 12 port
1U 16 port
1U 24 port

WiFi-Texas injectors



mode B passthru Flood