

The **PEXP-1** is a universal Power Expansion module that allows the user to connect and control large devices. What makes the PEXP-1 “universal” is that uses a simple “trigger” connection that activates the PEXP-1 and turns On/Off whatever is connect to it.

The PEXP-1 consists of a module similar to a power strip. It uses a #14AWG input power cable to safely provide up to 15-amps of power for the PEXP-1. The “trigger” cable is a small low-voltage power supply that will be connected to the power outlet that will be providing the trigger input. The “triggering control output” can be one of the power outlets provided on the SEN-1 / Sentry main controller, or you can use one of the PDM-1, or one of the outlets on the QUAD-1 module to act as the trigger control output.

There are 4 power outlets on the PEXP-1 will be activated when the “trigger” cable is powered on. Multiple devices can be connected to the PEXP-1, but they will all be controlled “together” when the trigger is activated. The 4-outlets on the PEXP get their power from the main power cable, so the trigger cable only tells the PEXP-1 when to turn on and off, and the device(s) plugged into the outlets on the PEXP-1 get their power from the main inlet power cable on the PEXP-1. ***All 4 outlets activate together.**

There are several types of powered outlet “types” (PEXP-1, PEXP-1EU, PEXP-1UK, PEXP-1AU). Each plug type is selected for the country / region the outlets will be used. ***The PEXP-1 comes with standard North American plugs.** PEXP-1 is built to last using commercially rated components including the 4 heavy-duty power receptacles. The PEXP-1 can be used to control and operate 1 or 2 larger devices that require high amperage (up to about 7-amps each), or up to 4 separate lower amperage devices can be controlled.

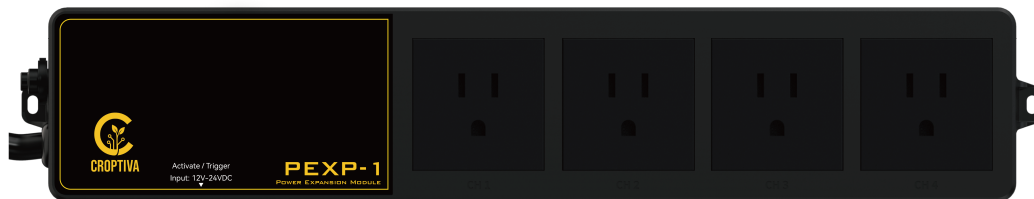
***NOTE: Do not exceed 14-amps continuous load.**

***To determine amperage total - combine amperage of multiple devices. (Add up the amps from each device).**

*** The PEXP-1 module itself is NOT waterproof and must be positioned so that it is not exposed to mist or moisture directly.**

PEXP-1 / Specifications

North American version shown



Available in Various plug configurations



N. America – Europe – UK – Australia

Model	PEXP-1 / Power Expansion Module
Protection Level	IP20
Product Dimensions	3.8x3.3x1.2" / 97x85x31mm
Operating Temperature	0-50°C / 32-122°F
Operating Humidity	≤90%, Non-Condensing
Operating (input) Voltage	120 or 240vac
Power receptacles	4x Nema, EU (Schuko), UK or AU
Maximum Amperage	15-amps @ 120/240V
Max amperage per outlet	10-amps
Power Consumption	≤60mA
Trigger power supply input voltage	120-240vac (plug-in power supply)
Trigger power supply output voltage	24VDC