



7 OUTLET TIER 2 ADVANCED POWERSTRIP+ MULTI-SENSOR

Premium quality, fireproof surge protection that reduces Standby + Active power waste from electronics

OVERVIEW

The Tie 2 Advanced Powerstrip+ product (APS+) provides premium quality surge protection and reduces the amount of standby + active power wasted by electronics.

The Tier 2 APS+ includes a low voltage RJ11 connector that allows a Multi-Sensor (Infrared and Movement sensing) to be connected.

The Tier 2 APS+ powerstrip includes current sensing on the 1st switched outlet. This allows the Tier 2 APS+ to support standard master/switched functionality when used with the Multi-Sensor. Simple, easy to install and provides automation to reduce wasteful standby and active power. Suitable for TV/home theatre applications.

KEY FEATURES

- 7 Outlets
 - 2 Always On Outlets (1 outlet transformer spaced)
 - 5 Switched Outlets (1 outlet transformer spaced, 1 outlet with current sensing)
- 15A resettable circuit breaker
- 72,000 Amps / 1080 Joules
- Ceramic Surge Protection
- 1 Low voltage optically isolated RJ11 input
- LED Status Indication (Ground, Surge Status, Switched)
- <40dB noise filtering
- Angled space saver plug

FIREPROOF SURGE PROTECTION

Traditional surge suppression products use standard MOV (Metal Oxide Varistor) components. TrickleStar Tier 2 APS+ incorporates advanced surge protection technology. The MOVs are encased in ceramic and are capable of suppressing more energy and dissipating heat faster than traditional MOVs. More importantly, the ceramic casing is fireproof and therefore is capable of preventing fire during surge conditions.

PRODUCT WARRANTY

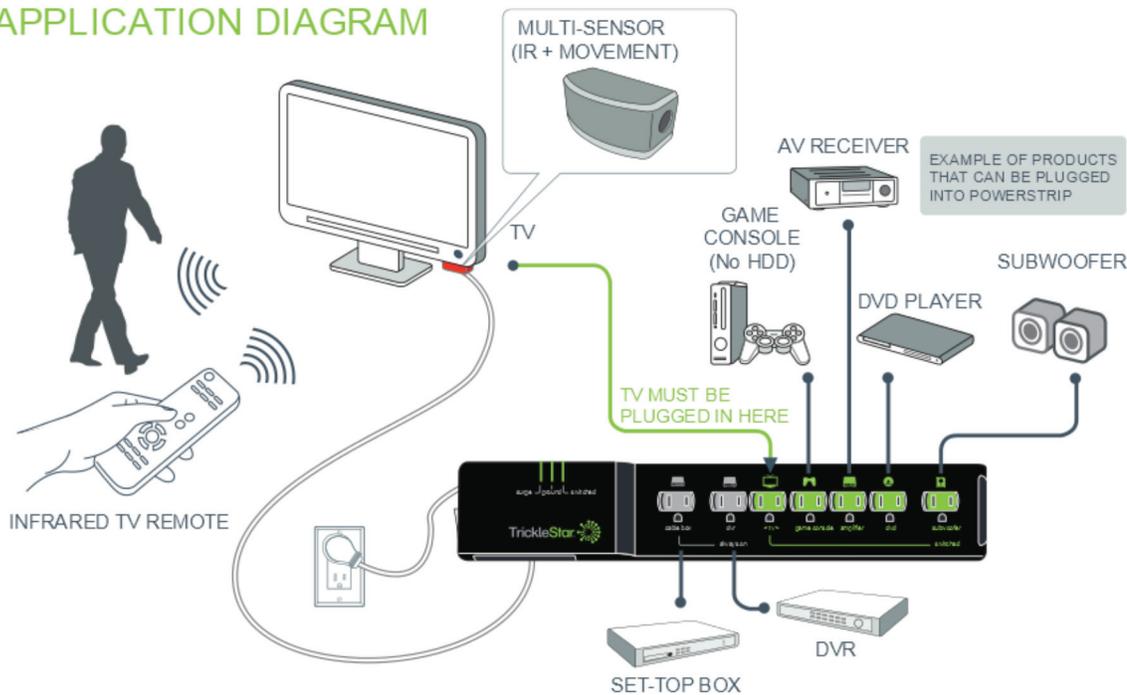
Lifetime product warranty
\$20,000 connected equipment warranty

MULTI-SENSOR



- Detects IR remote control signals and movement. Includes a countdown timer that will switch off a TV and peripherals if no IR activity or movement is detected
- Status LED flashes when IR or movement is detected
- Patented sensing algorithm senses for IR commands first and then occupancy after a period if no IR commands are detected
- Includes a piezo buzzer to warn of a pending shutdown 3 minutes prior to shutdown
- Manual on/off button

APPLICATION DIAGRAM



ELECTRICAL SPECIFICATIONS

TIER 2 APS+

FOR INDOOR USE

Voltage	120 VAC +/- 10% 60Hz
Power Rating	15A
Surge Protection	72,000 Amps / 1080 Joules
Noise Filtering	<40dB
Power Consumption	<1 Watt
RJ11	3.3V + Optically isolated

IR MULTI-SENSOR

FOR INDOOR USE

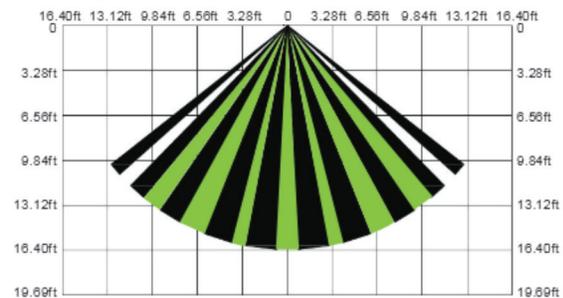
Voltage	3.3V
IR Detection Range	Up to 16.4ft
IR Detection Angle	60°
Cord Length	8ft
Movement Detection Range	Up to 16.4ft
Movement Detection Angle	90°

PHYSICAL SPECIFICATIONS

Operating Temperature	32° to 113° F
Storage Temperature	14° to 140° F
Humidity	5 to 90% N/C
IP Rating	IP20

PIR + IR DETECTION PATTERN

Sensor Optical View Pattern



PIR Detection
Range: 16.4ft
Degree: 90°

IR Detection
Range: 16.4ft
Degree: 60°

APPROVALS

Conformity to product standards for safety and EMC.
UL (US & Canada), 2002/95/EG (RoHs), 2002/96/EC (WEEE),
1999/5/EC (RTTE)

ORDER INFORMATION

188LV-US-7XX 7 Outlet Advanced PowerStrip+ 1080 Joules,
Current Sensing, 4ft Power Cord, Black,
Multi-Sensor

