

HS211-ATPe

95Watts ALL TERRAIN POE EXTENDER

Hardened outdoor 3 port 95Watts POE extender for all terrain application. With 95Watts PD IN to 2 x Giga PSE OUT. Designed for Heavy Thunder, Lightning and Rain environment.

Operating temp.: -40°C to +75°C

Features:

- Built-in hardened Marvell IC
- Built-in hardened POE and PD controller
- Built-in voltage booster for 30Watts or Higher PD applications
- Built-in hardened materials for 95Watts PD input
- Built-in True Surge 6kv or above protection materials.
- Thunder, Lightning, and Water-resistant.
- Can be cascaded up to 4 units or 500 meters
- Operating Temp.: -40°C to 75°C



HS211-ATPe

**Guarantee to Deliver 95Watts
Power by Using PRIMMCON
HCS8011SFP-95W & HI8011-95W**

Introduction

This ALL TERRAIN POE EXTENDER is equipped with 95Watts PD input to power up 2 Giga PSE output. It can be used as standalone PD/PSE POE injector or to extend POE distance. It is well designed for outdoors environment when heavy Thunder, Lightning, or Rain is frequent present.

It is built with voltage booster feature to guarantee stable voltage output for your high power PD. It can be cascade up to 4 units or 500 meter to deliver high power for your end device.

Specification

IEEE Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3z 1000Base-X Gigabit Ethernet IEEE802.3x Flow Control and Back Pressure, IEEE802.3af for PoE IEEE802.3at for PoE+
Switch Architecture	Back-plane (Switching Fabric): 6Gbps
Data Processing	Store and Forward
Flow Control	IEEE 802.3x Flow Control and Back Pressure
Jumbo Frame	10KB
MAC address Table Size	8K
Packet Buffer Size	1M
Network Connector	3 x Water-resistant RJ-45 10/100/1000M auto negotiation 1 x Water-resistant RJ-45 95W PD 10/100/1000M, 2 x Water-resistant RJ-45 60W PSE 10/100/1000M Auto MDI/MDI-X function, Full/Half duplex
Network Cable	UTP/STP Cat.5e or above Cable EIA/TIA-568 10-ohm (100m)
Protocol	CSMA/CD
LED	PD Power in (Amber) PSE power 1 out (Amber) PSE power 2 out (Amber) PD link/active – (Green) PSE 1 link/active – (Green) PSE 2 link/active – (Green)
Reserve polarity protection	Present
Overload current protection	Present
Power Consumption	3W without POE load

PD power input	15W/30W/60W/95W
POE power	15W/30W/60W per PSE Maximum total PSE power output 60W
Operating Temperature	-40°C ~75°C fully tested.
Operating Humidity	5% to 95% (Non-condensing)
Storage Temperature	-40°C~85°C
MTBF (mean time between failure)	>500,000 hrs (MIL-HDBK-217F) at 25°C
Housing	IP66 Protection
Case Dimension (L x W x D)	203 x 65 x 87 mm (L x W x D)
Installation mounting	Wall Mounting
Certifications	
EN55022/24	ITE equipment
EN55011	Industrial, Scientific and Medical (ISM) equipment
Safety	IEC EN60950-1
EMC/EMS	CE, FCC, VCCI
EMI	FCC Part 15 Subpart B Class A, CE EN 55022 Class A
EN 50155 / EN 60068-2-6	Vibration
EN 50155 / EN 60068-2-27	Shock
EN 50155 / EN 60068-2-32	Free Fall

Housing Dimension (mm)

