

# XPD Power Device

## AGILE-CORE™ Distributed Edge Architecture

PROJECT:

QTY:

TYPE:

CATALOG:



XPD-P2H-G



XPD-T2P-G



XPD-T2P-WPKIT

### SYSTEM OVERVIEW

The AGILE-CORE™ Distributed Edge Architecture solution is an intelligent power distribution and control system that leverages safe DC power to reduce the total installed and operating cost of a project while providing the best IT and OT networks possible.

### OVERVIEW

The powered device serves as an intermediary between the Ethernet port of the LUUM XS DC LIGHTING & POWER CONTROLLER (DCLP) and the connected LED lights or other devices, enabling power transmission and providing support for high power outputs. The XPD-P2H and XPD-T2P takes the RJ45 connection and converts it to two separate channels with a pair of positive (+) and negative (-) conductors.

### FEATURES:

- Power output of up to 120W
- May be pre-terminated to a luminaire or installed in the field
- RJ45 input

### SPECIFICATIONS:

#### Electrical

- Power Input:  
48VDC to 57VDC from the LUUM XS DC LIGHTING & POWER CONTROLLER
- Max Power:  
120W (at 57VDC) fully loaded at 100%

#### Mechanical

- Dimensions:
  - XPD-P2H-G: 45.5 mm x 22.3 mm x 40.7 mm (1.8 in x 0.9 in x 1.6 in)
  - XPD-T2P-G: 56.3 mm x 28 mm x 28 mm (2.2 in x 1.1 in x 1.1 in) \*Not including wires
- Interfaces:
  - XPD-P2H-G:**
    - (1) RJ45 X-PoE Input Port, (1) RJ45 X-PoE Pass-Thru Port & (2) Individually Controlled LED +/- Terminal Pairs.
    - Output connectors: 14 - 26 AWG
  - XPD-T2P-G:**
    - (1) RJ45 X-PoE Input Port & (2) Individually Controlled LED +/- Outputs
    - Channel 1 Output (RED + / WHITE -);
    - Channel 2 Output (YELLOW + / BLUE -)

#### Environmental

- Operating Temp: 0°C to +40°C (32 to 104°F)
- Storage Temp: -20 to +40°C (-4 to +158°F)
- Humidity: 10% to 90% (non-condensing)
- XPD-T2P-G has an IP 68 Waterproof Rating

#### Listings

- XPD-P2H-G: ETL
- XPD-T2P-G: UL 1863, CSA-C22.2 No. 182.4-M90, IP67 (when used with cap)

#### Warranty

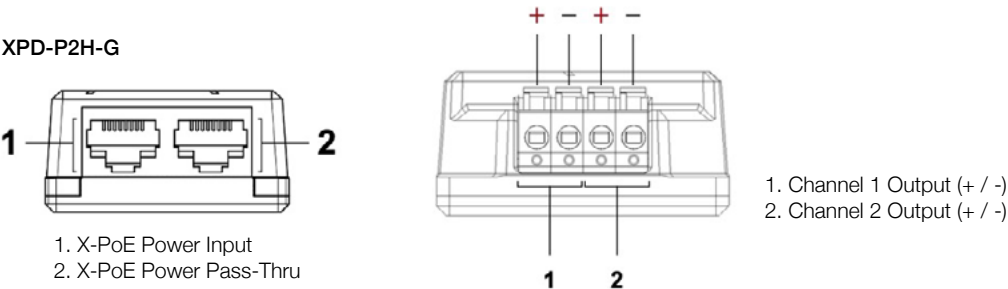
5-year limited warranty

ORDERING GUIDE:

Catalog Number	Description
XPD-P2H-G	AGILE-CORE™ PD w/ (2) RJ45 & (1) 2 CH terminal block
XPD-T2P-G	AGILE-CORE™ PD w/ (1) RJ45 & 2 CH flying leads
XPD-T2P-WPKIT	Power device waterproof cap for XPT-T2P

DIAGRAMS

XPD-P2H-G



XPD-T2P-G

