


**IDU-CPE-G** is an indoor Gigabit PoE injector compatible with Quanta 5, Quanta 70, InfiLINK 2x2 LITE, InfiMAN 2x2 STE and AUX-ODU-SYNC outdoor units. PoE injector supports 100-240 V input range from the AC mains.

**IDU-CPE-G** feeds 48 VDC power to the device by injecting it to the CAT5 Ethernet cable.



## Key Features

 Compatible with Quanta 5, Quanta 70, InfiLINK 2x2 LITE, InfiMAN 2x2 STE, AUX-ODU-SYNC

 Gigabit Ethernet pass-through

 Operating temperature range: from -10°C to +50°C

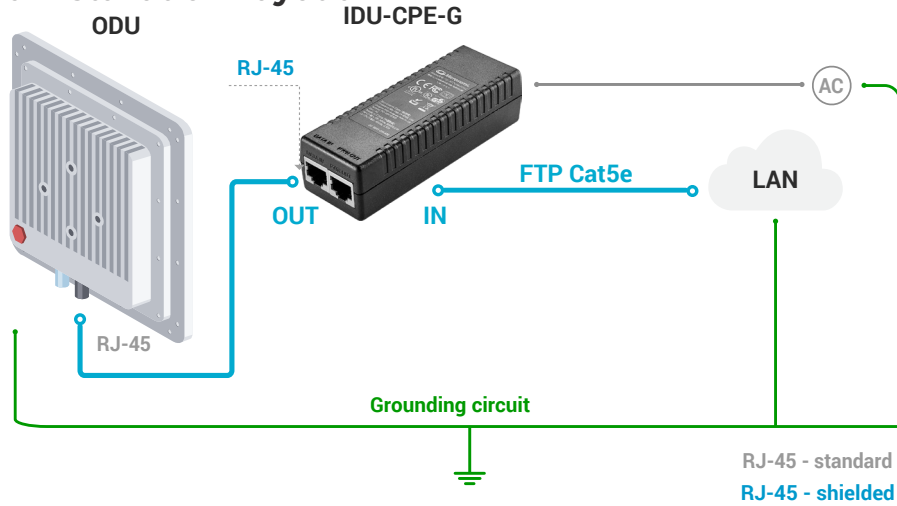
 AC power source

 Input voltage: 100 - 240 VAC

 Output voltage: 48 VDC

 Consumption: 15.4 W

## Recommended Installation Layout



## Specification

| Parameter                           |         | Description  |    |    |           |           |    |           |           |
|-------------------------------------|---------|--|----|----|-----------|-----------|----|-----------|-----------|
| Compatible models                   |         | Quanta 5, Quanta 70, InfiLINK 2x2 LITE, InfiMAN 2x2 STE, AUX-ODU-SYNC  |    |    |           |           |    |           |           |
| Input Voltage & Current             |         | 100 - 240 V  |    |    |           |           |    |           |           |
| Output Voltage & Current            |         | 48 VDC   |    |    |           |           |    |           |           |
| Consumption                         |         | 15.4 W   |    |    |           |           |    |           |           |
| Ethernet Modes                      |         | 10/100/1000 Mbps (Gigabit Ethernet pass-through)   |    |    |           |           |    |           |           |
| Connectors and Interfaces           |         | <ul style="list-style-type: none"> <li>• "ETH IN" - Ethernet input (Data only)</li> <li>• "ETH OUT" - Ethernet output (Data+VDC), PASSIVE PoE</li> <li>• "PWR" - AC Input</li> </ul> |    |    |           |           |    |           |           |
| Pin Assignment and Polarity         | ETH IN  | 1  | 2  | 3  | 4         | 5         | 6  | 7         | 8         |
|                                     |         | A+   | A- | B+ | C+        | C-        | B- | D+        | D-        |
|                                     | ETH OUT | 1  | 2  | 3  | 4         | 5         | 6  | 7         | 8         |
|                                     |         | A+   | A- | B+ | +VDC / C+ | +VDC / C- | B- | -VDC / D+ | -VDC / D- |
| Electromagnetic Emission & Immunity |         | <ul style="list-style-type: none"> <li>• FCC Part 15, Class B</li> <li>• EN 55022 Class B</li> <li>• EN 55024</li> <li>• VCCI</li> </ul>   |    |    |           |           |    |           |           |
| Regulatory Compliance               |         | RoHS Compliant, WEEE Compliant, CE Energy Efficiency Level VI  |    |    |           |           |    |           |           |
| Safety                              |         | UL/IEC/EN 60950-1  |    |    |           |           |    |           |           |
| Size and Weight                     |         | 110x40x30 mm, 0.110 kg   |    |    |           |           |    |           |           |
| Operating temperature range         |         | from -10°C to +50°C  |    |    |           |           |    |           |           |