



# 8-port 10G PoE Injector Hub

## PH800GT



PH800GT is an 8-port 10G/5G/2.5G/1G/100M/10Mbps PoE Injector Hub compliant with IEEE 802.3af/at Power over Ethernet. It supplies PoE power of up to 30w per port for 10G over existing LAN cable CAT6/6A or higher UTP cable up to 70m to power up IEEE802.3af/at standard network accessories or through PoE splitter for non-PoE devices such as wireless Access Point, IP Cam, IP Phone, etc.

With DC Jack and Terminal Block, it supports DC power input of 48V~57VDC for a total maximum PoE power budget 240W. It also provides triple protection of over-current, over-voltage and over-temperature on each PoE port.

### Key Features

- 8 x 10G data input ports and 8 x 10G data + PoE output ports
- Auto negotiation for speeds of 10G/5G/2.5G/1G/100M/10Mbps
- Support IEEE 802.3af/at standards with PD detection
- Maximum PoE output power: 30W per port
- Selectable power source (DC Jack or Terminal Block) up to 240W
- Auto MDI/MDI-X cable detection
- High safety over-load/current, over-voltage, and over-temperature protections
- PoE surge protection: 2KV (optional 6KV)
- Compact desktop design / 19" rack-mount metal housing

| Hardware Specification  |                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Interface               | Data In Ports: 8 x RJ-45 STP<br>Data+PWR Out Ports: 8 x RJ-45 STP                                                                                                                                                                                                                                                |
| LEDs                    | Power x 1 (Green), PoE Status x 8 (Green)                                                                                                                                                                                                                                                                        |
| Network Cable           | 10Base-T: 2-Pair UTP Cat. 3, 4, 5, up to 250m<br>100Base-TX: 2-Pair UTP Cat. 3, 4, 5, up to 100m<br>1000Base-TX: 2-Pair UTP Cat. 3, 4, 5, up to 100m<br>2.5G/1000Base-T: Cat.5e or higher UTP ( $\leq 100m$ )<br>5G Base-T Cat.6 or higher UTP ( $\leq 100m$ )<br>10G Base-T Cat.6A or higher UTP ( $\leq 70m$ ) |
| Dimension (W x D x H)   | 188 x 120 x 44 mm                                                                                                                                                                                                                                                                                                |
| Weight                  | 0.9kgs                                                                                                                                                                                                                                                                                                           |
| Operating Temperature   | 0 ~ 40 Degree C                                                                                                                                                                                                                                                                                                  |
| Storage Temperature     | -40 ~ 70 Degree C                                                                                                                                                                                                                                                                                                |
| Humidity                | 5 ~ 95% (non-condensing)                                                                                                                                                                                                                                                                                         |
| Power over the Ethernet |                                                                                                                                                                                                                                                                                                                  |
| PoE Standard            | IEEE 802.3af/at PoE                                                                                                                                                                                                                                                                                              |
| PoE Function            | Auto Recovery, OVP, OCP, OTP                                                                                                                                                                                                                                                                                     |
| PoE Power Output        | Per Port 48V~56VDC max.30 watts                                                                                                                                                                                                                                                                                  |
| Power Pin Assignment    | 1/2(+), 3/6(-)                                                                                                                                                                                                                                                                                                   |
| Power Adaptor Budget    | 120W (Optional 240W for Terminal Block)                                                                                                                                                                                                                                                                          |
| Standards Conformance   |                                                                                                                                                                                                                                                                                                                  |
| Standards Compliance    | IEEE 802.3 10Base-T Ethernet<br>IEEE 802.3u 100Base-TX Fast Ethernet<br>IEEE 802.3az 1000Base-TX Gigabit Ethernet<br>IEEE 802.3an/bz, 10GBase-T, 5G/2.5GBase-T<br>IEEE 802.3af/at Power over Ethernet                                                                                                            |
| Regulation Compliance   | FCC Part 15 Class A, CE                                                                                                                                                                                                                                                                                          |

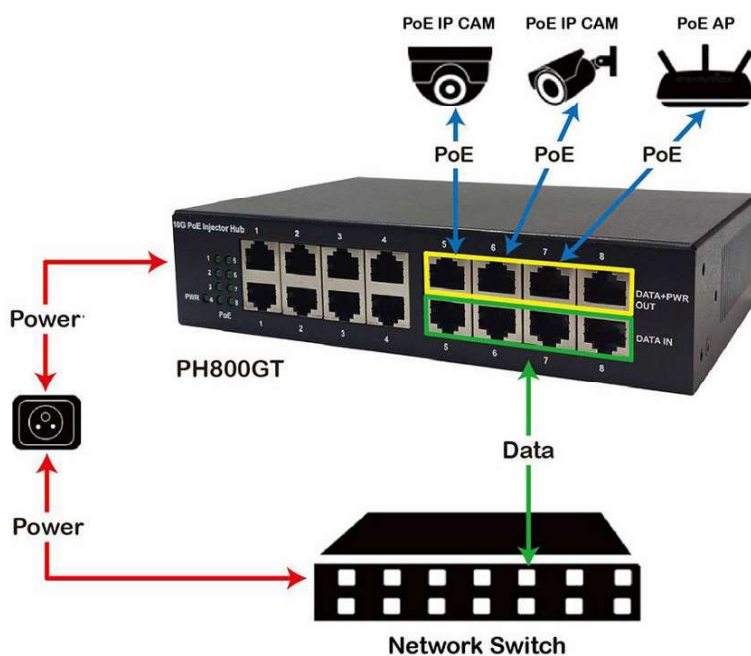


## Ordering Information

**PH800GT-120**

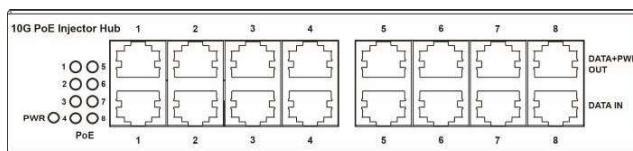
8-port 10G IEEE 802.3af/at PoE Injector Hub per port max. 30W,  
with external 120W Power Adaptor

## Application



## Mechanical Drawing

### Front Panel



### Rear Panel

