PH1600GD series
16-Port IEEE 802.3at Gigabit PoE PSE Hub

Product Overview

PH1600GD series features 16-port IEEE 802.3af and IEEE 802.3at High Power PoE injecting power output of up to 30w over Cat.5/5e/6/7 Ethernet cable. It is designed to extend the installed non-PoE managed switches with PoE enabled feature and with wide range of power capacity from 150/250/380/500/630W for PoE power budget. Additionally, PH1600GD is designed specifically to satisfy the growing demand of higher power consuming networking application such as video surveillance, wireless Access Points and no configuration is required.
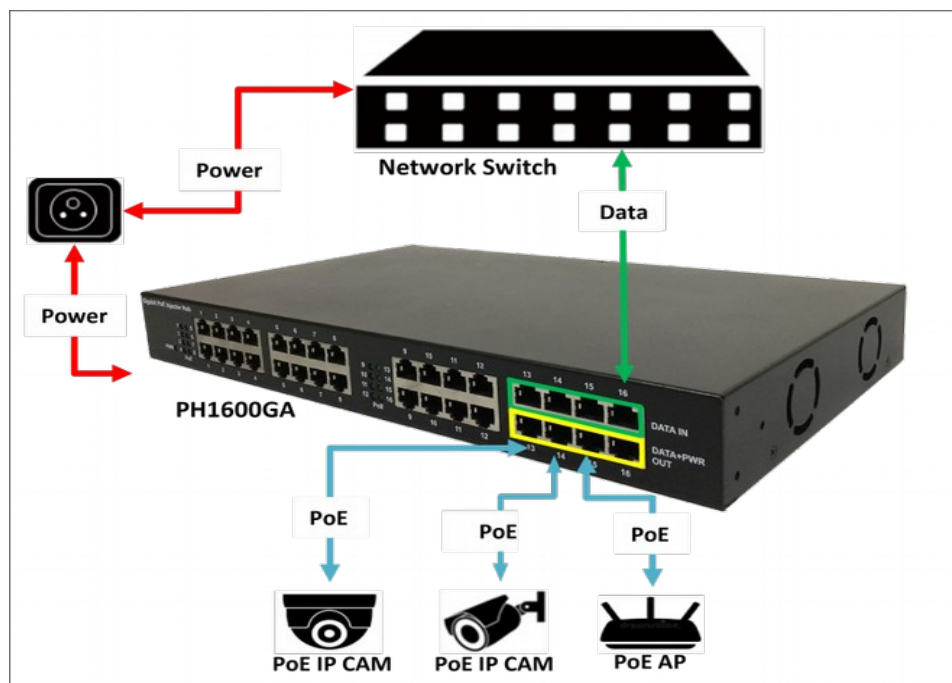
If outdoor application is applied, it is recommended with embedded 6KV PoE Surge Protection (PH1600GD-6KV) on each PoE port to prevent surge impact and damage the whole system incidentally.

Key Features

- IEEE 802.3at/af Power over Ethernet (PoE) PSE standard
- Auto-detection and protection of non-standard PoE devices
- 16-Port PoE Gigabit Injector Hub
- Provides up to 30 watts for PoE+
- Internal power capacity of 150/250/380/500/630 W (PH1600GD-xxx)
- 9K Jumbo Frame supported
- 6KV PoE Surge Protection (Optional for PH1600GD-6KV)
- 19" Rack Mountable metal casing design

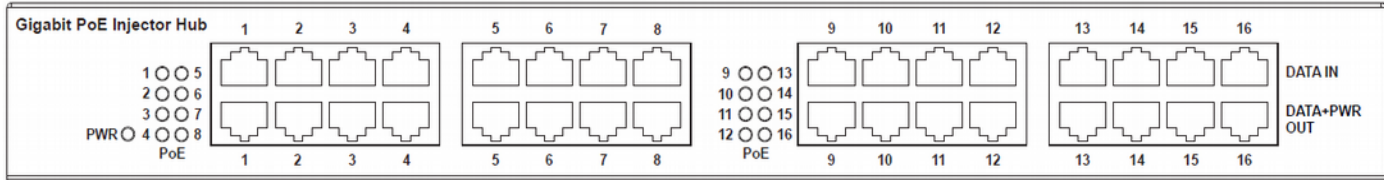## Application

Technical Specifications

Standard Compliance	IEEE 802.3 10-BASE-T (Ethernet)
	IEEE 802.3u 100-BASE-TX (Fast Ethernet)
	IEEE 802.3x Flow Control (full-duplex flow control)
	IEEE 802.3ab 1000-Base T (Gigabit Ethernet)
	IEEE 802.3at Power over Ethernet Plus
	IEEE 802.3az: Energy Efficient Ethernet
Ports	16 x Gigabit Auto-MDIX PoE / PoE+ Ports
Power Input	AC input: 100 to 240 VAC, 50/60 Hz
PoE Power Output	15.4 watts (IEEE802.3af) or 30 watts (IEEE 802.3at)
Power Pin Assignment	1/2(+), 3/6(-)
PoE Power Module	150 /250 /380 /500 /630 Watts
Operating Temperature	0° ~ 40°C
Storage Temperature	-40 to 70°C
Dimensions (W x D x H)	358 x 205 x 44 mm (Device)
Single Pack Weight	3.6 kgs (PH1600GD-500w-6KV)
Shipping Carton	19 kgs/ 48 x 43 x 32 cm / 5 pcs
Warranty	1 year

LED Indicator

LED Indicator	Color	Status	Function
PWR	Green	ON	PoE Injector Hub is on
		OFF	PoE Injector Hub is off
PoE	Green	ON	PoE function is enabled
		OFF	PoE function is disabled.

Front Panel

Rear Panel

Ordering Information

PH1600GD-150	**16-p Gigabit PoE Hub, Power Module of 150w**
PH1600GD-xxx	**-xxx (150/250/380/500/630w)**
PH1600GD-6KV	**optional for 6KV PoE Surge Protection**
Power cord plug	**US, EU, UK, AU**

*Shipment in generic packing (default)
*Private labeling is welcome at own cost