

## 8-Port 10/100/1000Mbps PoE Injector Hub With 6KV Surge Protector (Model: PH800GA-6KV)

### INTRODUCTION

PH800GA-6KV is Power Over Ethernet (PoE) PSE Injector Hub that offers a cost-effective and quick solution to upgrading network system to IEEE 802.3af / IEEE 802.3at Power over Ethernet system without replacing the existing Ethernet Switch.

PH800GA-6KV provides triple protections of over-current, over-voltage and over-temperature on individual PoE port. Meanwhile, it features both IEEE 802.3af and High Power IEEE 802.3at PoE standard that combines up to 30-watt power output and data per port over one CAT 5/5e/6 Ethernet cable.

PH800GA-6KV is designed specifically to satisfy the growing demand of higher power consuming networking application such as video surveillance, wireless Access Point, and 3G / LTE Router which are located outdoor.

### FEATURES

- Complies with IEEE 802.3, 10BASE-T, IEEE 802.3u, 100BASE-TX, IEEE802.3ab, 1000BASE-T
- Complies with IEEE802.3af/at Standard
- 8-Port supports Power over Ethernet (Port 1~8)
- Supports PoE power up to 30 watts for each PoE port
- PoE Surge protection: 6KV
- AC-DC Power Source (AC 100~240V Input, 56VDC Output)
- Auto-detection and protection of no-standard PoE device
- Over Current Protection / Over Temperature Protection / Over Voltage Protection
- Fanless design ensures quiet operation in small offices and higher reliability over time
- Remote power feeding up to 100meters
- Made of metal 19" rack-mount design

### HARDWARE SPECIFICATION

- Standard
  - IEEE 802.3 10Base-T
  - IEEE 802.3u 100Base-TX
  - IEEE 802.3ab 1000Base-T
  - IEEE 802.3af Power over Ethernet
  - IEEE 802.3at Power over Ethernet Plus
- DATA IN Ports
  - 8 10/100/1000BASE-T RJ45 auto-MDI/MDI-X ports
- DATA +PWR Out Ports
  - 8 10/100/1000BASE-T RJ45 auto-MDI/MDI-X ports

### POWER OVER ETHERNET

- PoE Standard
  - IEEE 802.3af Power over Ethernet
  - IEEE 802.3at Power over Ethernet Plus
- PoE Power Supply Type
  - End-span
- PoE Power Output
  - Per Port 56V DC, Max. 30 watts
- Power Pin Assignment
  - 1/2(-), 3/6(+)
- Total Power
  - 250 watts power module embedded

### LED INDICATORS

- PWR / PoE 1~8

### PHYSICAL SPECIFICATION

- Item dimensions (WxDxH): 280 x 160 x 44 mm

### POWER MODULE

- AC-DC power module: 56VDC / 4.46A max.

### CERTIFICATION

- FCC / CE / LVD

### OPERATING ENVIRONMENT

- Operating temperature: 0 – 40°C
- Storage temperature: -20 – 70°C
- Humidity: 20 – 95% non-condensing

