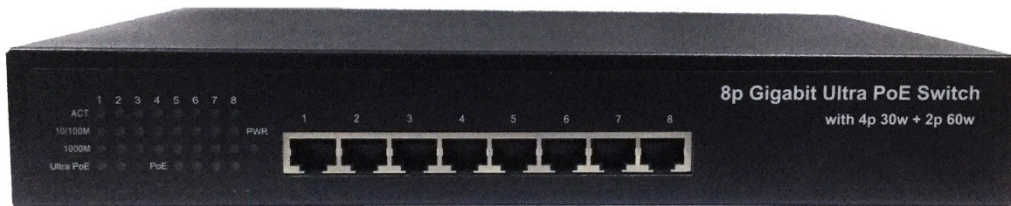


PU842G

8 Port Gigabit Ultra PoE IEEE 802.3bt Switch



Product Overview

Yoda PU842G features IEEE 802.3bt Ultra PoE capabilities that offer a combined power output of upto 60w over Cat.5e/6 Ethernet cable. With a total PoE budget of 150 watts for the whole system, PU842G 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.

The compact PU842G is total 8-port Gigabit with 2-port IEEE 802.3bt (60w per PoE port) and 4-port IEEE 802.3at(30w per PoE port) and IEEE 802.3af (15.4w) compliant. It is built-in with power budget options of 150w or 250w for varied project requirement. IEEE 802.3bt is newly released PoE standard which performing power over Ethernet via all 8-pin of Cat5e/6 LAN cable for upto 60w. This is supporting PoE IP camera with heavily power demand.

Key Features

- IEEE 802.3bt, at/af Power over Ethernet (PoE) standard
- Auto-detection and protection of non-standard PoE devices
- 8-Port 10/100/1000Mbps Ethernet, 9K Jumbo Frame supported
- Provides up to 60 watts for PoE++, 30w for PoE+
- Internal power capacity of 150W or 250W

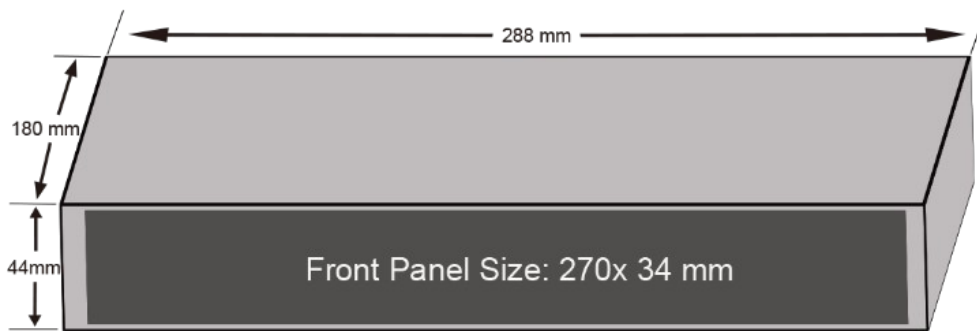


Technical Specifications

Standard Compliance	IEEE 802.3 10-BASE-T (Ethernet)
	IEEE 802.3u 100-BASE-TX (Fast Ethernet)
	IEEE 802.3ab 1000BASE-T (Gigabit Ethernet)
	IEEE 802.3x Flow Control (full-duplex flow control)
	IEEE 802.3az: Energy Efficient Ethernet
Ports	8 x Gigabit Auto-MDIX PoE / PoE+/PoE++ ports
MAC Address	8K MAC address table with auto learning function
Buffer Memory	128KB
Switch Fabric	16Gbps
Jumbo Packet Size	9K Bytes
PoE Standards	IEEE 802.3bt Power over Ethernet / PSE
	IEEE 802.3at/af Enhancement Power over Ethernet / PSE
Power Input	AC input: 100 to 240 VAC, 50/60 Hz
PoE Power Output	Per Port 56V DC, Max. 30 watts (IEEE 802.3at) or 60 watts (IEEE 802.3bt)
Power Pin Assignment	1/2(+), 3/6(-) for IEEE 802.3at/af, 8-pin for IEEE 802.3bt
PoE Power Budget	150 or 250 Watts
Operating Temperature	0° ~ 40°C
Storage Temperature	-40 to 70 °C
Dimensions (Device)	280 x 185 x 44 mm
Weight (1 PC/Brown Box)	1.9 Kgs / 377 * 235 * 83 mm
Shipping Carton (6 PCs)	11.9kg / 525 * 246 * 392 mm
Warranty	Limited Lifetime Warranty



Dimensions

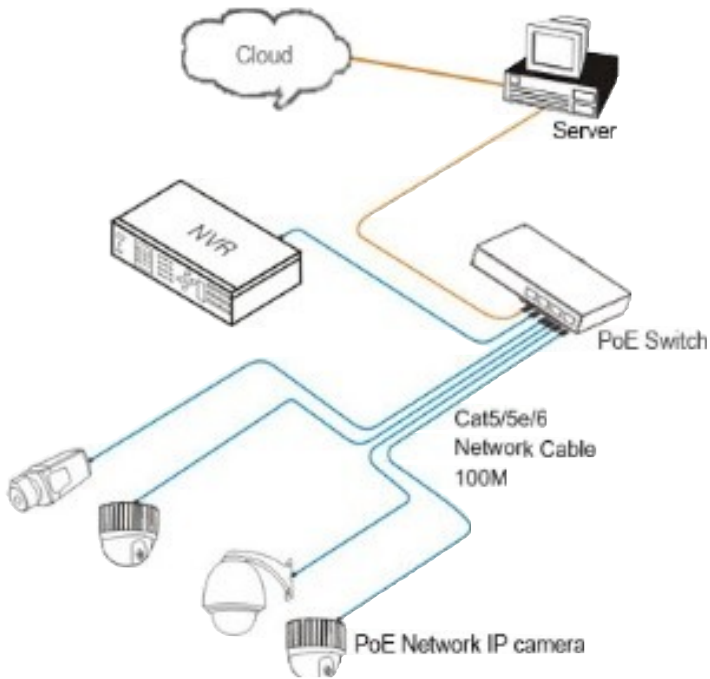


Panel

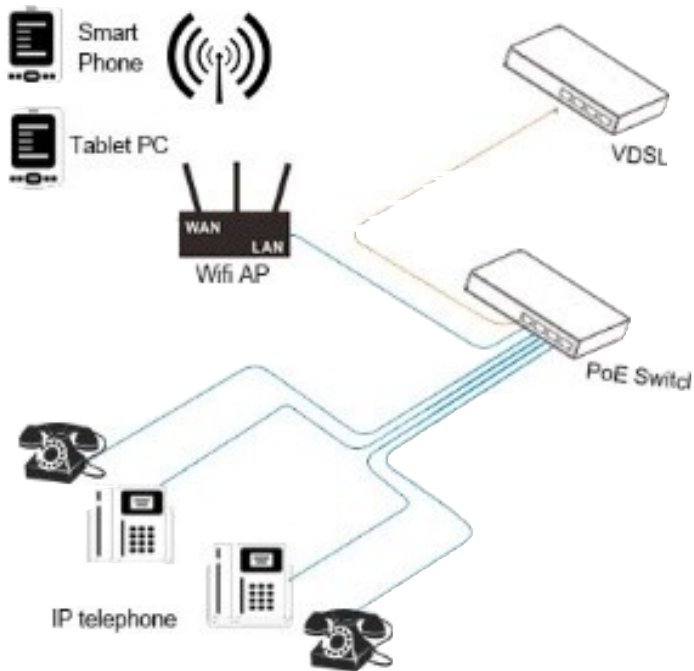


Application

IP Surveillance Application



IP Voice Communication



Ordering Information

PU842G-120	8-p GbE PoE Switch, PoE power budget of 120w
PU842G-150	8-p GbE PoE Switch, PoE power budget of 150w
PU842G-250	8-p GbE PoE Switch, PoE power budget of 250w

