

# PoE Extend Switch PW2020-5G-IN



## Product Features

- Using CAT.5 network patch cords support power for the wireless AP/CPE and IP camera/PTZ
- Networking standard: IEEE802.3af/at/bt.
- POE power light blinks to determine the power status of the receiving end, and each blink is 2.7 watts.
- PoE Watchdog AI Function: Detection front-end PoE cameras and PD, Automatic detection, Automatic restart
- Support 60W PoE receiving power, free of power adapter & simplify power supply
- 6KV lightning protection, 8KV surge protection, anti-reverse connection, over-current protection, over-voltage protection, over-temperature protection, Short circuit protection
- The Max output power of the port is 60W, which is convenient for hi-power equipment
- Zero configuration feature power supply is automatically supplied to the adaptive equipment

## Ordering Information

Model	Comment
PW2020-5G-IN	PoE Extend Switch

## Product Specifications

Model	PW2020-5G-IN
Ports	4X10/100/1000Mbps PoE ports (RJ45) 1X10/1000Mbps uplink port (RJ45) 1X10/1000Mbps SFP
Transmission Rate	2000Mbps Full Duplex; 10 or 100 or 1000Mbps Half Duplex
Transmission Distance	0-100m
Performance Specification	Bandwidth: 12.0Gbps Network Latency (10 to 1000Mbps): 10μs (use the 64byte package size) MAC address table: 8K The Frame Filter & Transmission Rate: 14800pps the most for 10M port, 148800pps the most for 100M port, 1488000pps the most for 1000M port
Networking Standard	IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX/ IEEE 802.3ab 1000BASE-T IEEE 802.3x Flow Control IEEE 802.3af/at/bt Power over Ethernet
Power Support	Power input: DC 12~52V; PoE powered by Total≤60W PoE Watchdog: Port 1~4 Power output: PoE1~3Port:1/2(+52V),3/6(GND)≤30W PoE 4 Port:1245(+53V),3678(GND) compatible 1/2(+52V),3/6(GND)≤60W
Protection Level	Lightning Protection: 6KV, Per: IEC61000-4-5 ESD Protection: 8KV, Per: IEC61000-4-2
Physical Specifications	Size(L*W*H)130mm*65mm*31mm
Working Environment	Operating Temperature: -10 ~ 55°C ( -14° ~ 131°F) Storage Temperature: -40 ~ 70°C ( -104° ~ 158°F) Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing
Electromagnetic Compatibility	FCC Part 15 Class B CE mark VCCI Class BEN55022 (CISPR 22) C-Tick
Warranty	Whole machine: 1 year
Package Content	Installation Manual

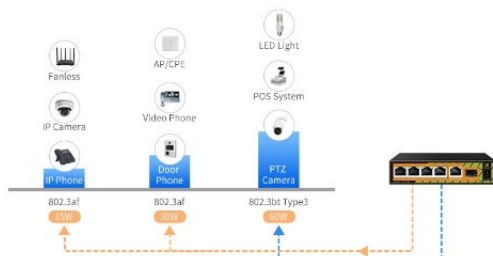
## WATCHDOG

Auto- Detect and restart IP Camera Timely if the camera is halted.



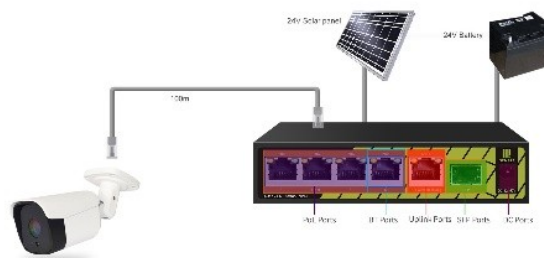
## 6KV Lightning 8KV ESD

Reaching 6KV lightning and 8KV Static electricity protection, the PoE ports owns the capacity to keep the PoE Switch from lightning strikes and other electrical surges, offering reliable performance even in some harsh environments



## Powered By PoE (PD Feature)

The LAN1 port is powered by PoE and provides power for four downlink ports (60W); free of power adapter & simplify power supply; play a role of Ethernet extender



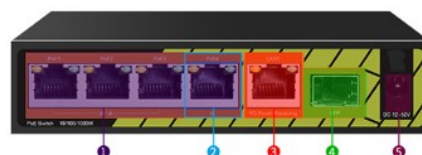
## Supply 60W PoE

60W high-power port  
more high-power port



## Port Description

- 1 -1000Mbps PoE Ports
- 2 -1000Mbps 60W power supply Ports
- 3 -1000Mbps Uplink Ports 60W PD Power Receiving
- 4 -1000Mbps SFP Ports
- 5 -DC Ports



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## Typical Application

