# WI-PS306GF-UPS
# 5GE+1SFP Ports 24-48V UPS
# No-Break PoE Switch
# with 5-Port PoE Datasheet
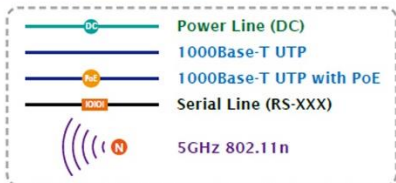
# Highlights

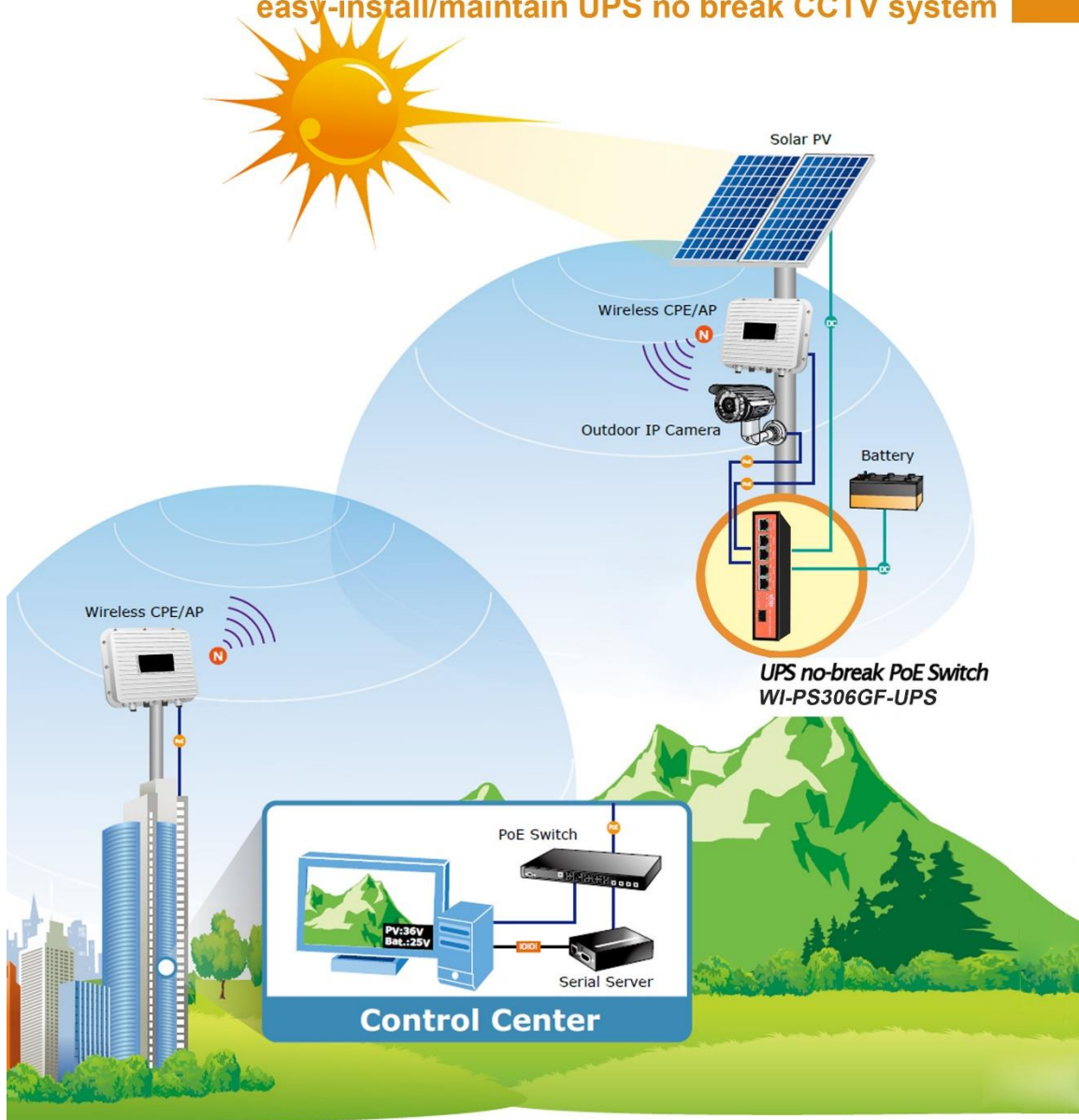- 5GE+1SFP Full Gigabit Switch with 5 PoE

- support solar panel and battery for 50-hours back-up time

- Inside solar controller and battery controller for charge and

  dis-charge battery circulatory from solar Panel and DC INPUT

- 24-48V PoE output suit for work with wireless AP and Camera at same time

- Small size design suit for outdoor CCTV system

  waterproof box used
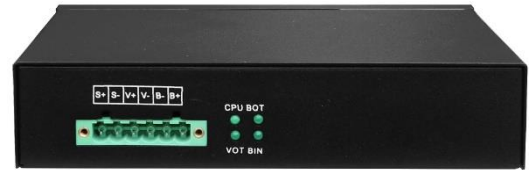


# Typical Applications
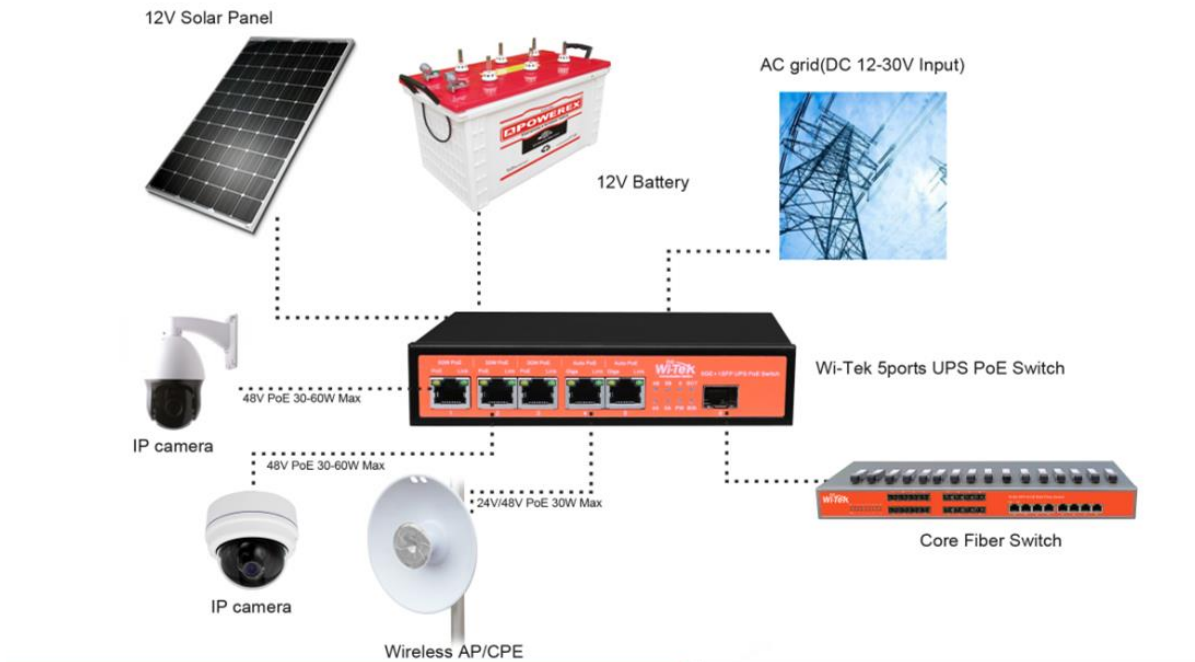
# Wi-Tek UPS PoE Switch offer you stable, cost-effective, easy-install/maintain UPS no break CCTV system

Solar PV

Wireless CPE/AP

Outdoor IP Camera

Battery

**UPS no-break PoE Switch**
**WI-PS306GF-UPS**

Wireless CPE/AP

PoE Switch

PV:36V
Bat.:25V

Serial Server

**Control Center**

| | Power Line (DC) |
|---|---|
| | 1000Base-T UTP |
| | 1000Base-T UTP with PoE |
| | Serial Line (RS-XXX) |
| | 5GHz 802.11n |

**Email:** sales@wireless-tek.com
**Website:** www.wireless-tek.com

**Wi-Tek**
Communication Solution

www.wireless-tek.com
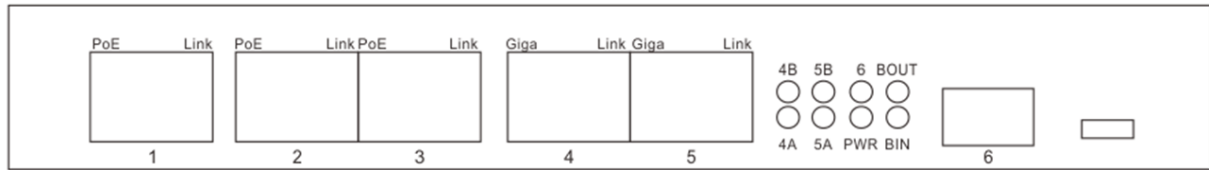
Port 1: PoE MAX 60W 12+/36+ 45-/78-
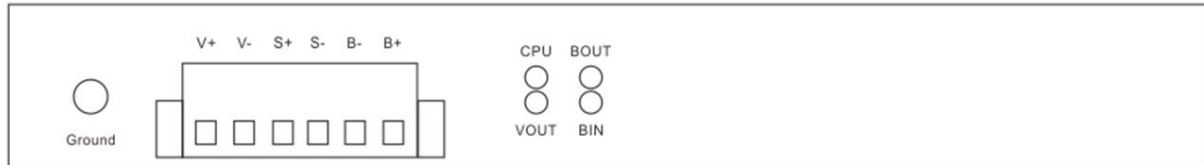Port 2-3: PoE MAX 30W 12+ 36-

Port 4-5: AUTO PoE 48V/24V MAX 30W
automatic matching 48Vor 24V PD

4B-5B: Port 4~5 24V POE ON light
4A-5A: Port 4~5 48V POE ON light
6: Port 6
POW: SYS POWER
BOUT: Battery discharge indicator
BIN: Battery charging indicator

Ground : Grounding port

v+: DC+ Input 18~-32V
v-: DC- Input 18~-32V
S+: Solar panels DC+ Input 18~-32V
S-: Solar panels DC- Input 18~-32V

B-: Battery+ Input
B+: Battery- Input
Worning : Battery 12V MAX30AH
And please use the solar panels that match it

CPU: 1/2S Twinkle is CPU OK
1/4S Twinkle is Solar VOL IN OUT

VOUT: Output VOL normal indicator
BOUT: Battery discharge indicator

VIN: Battery charging indicator
1/2S For the floating charge indicator lamp

## Description

## What This Product Does

5GE+1SFP PoE Switch WI-PS306GF-UPS provides 5 10/100/1000Mbps ports and 1 SFP Fiber slots port, expanding your network flexibly. WI-PS306GF-UPS  UPS system is designed specifically for 24VDC PoE equipment like that from Ubiquiti, WI-TEK, Mikrotik etc and 48V PoE equipment like IP camera, VOIP Phone and wireless AP. The system provides continuous total PoE power on 5 switched PoE ports. Its inside battery controller maintains the proper charge on the batteries to prevent over charge and controls the load to prevent over discharge. With 1PCS 12V 30AH battery, can offer 24hours back-up time. Also Its inside solar controller and DC input port support utilize the solar capacity to extend the backup time(and can charge battery at same time). This device provides you the ideal solution for CCTV/WISP UPS no break system.

# Specifications

## HARDWARE FEATURES

| | |
|---|---|
| Interface | 5 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX)<br>1 1000Mbps SFP Slots |
| Network Media | 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m)<br>100BASE-TX/1000Base-T: UTP category 5, 5e, 6 or above cable (maximum 100m)<br>1000BASE-X: MMF, SMF<br>1000Base-L X:62.5μm/50μm MM(2m~550m) or 10μm SMF(2m~5000m) |
| Fan Quantity | Fanless |
| Power Consumption | 120W (max. with PoE device connected) |
| Power Supply | DC IN 18-30V |
| Solar Panel Input | 12-18V 50W UP |
| Battery Input | 12V 5AH~50AH |
| PoE Ports (RJ45) | Port1: 48V 802.3af/at PoE 60W<br>Port 2-3: 48V 802.3af/at PoE 30W<br>Port 4-5: 48V 802.3af/at PoE 30W or 24V Passive PoE 24W AUTO DETECT |

# HARDWARE FEATURES

| | |
|---|---|
| **Exchange Capacity** | 12G |
| **Packet Forwarding Rate** | 8.94Mpps |
| **Mac Address Table** | 8K |
| **Packet Buffer Memory** | 4Mb |
| **Jumbo Frame** | 10240 Bytes |
| **Dimensions** | Product Size：<br>160mm* 140mm*30mm<br>（L*W*H） |

| | |
|---|---|
| **Certification** | CE, FCC, RoHS |
| **Package Contents** | POE Switch<br>Electric Line<br>Guide Book/Warranty Card |
| **Environment** | Working Temperature：<br>-20℃～60℃<br>Storage temperature ：<br>-30℃～70℃<br>Working Humidity ：<br>10%～90% RH<br>non-condensing<br>Storage Humidity： |

| | |
|---|---|
| | 5%～90% RH non-condensing |