



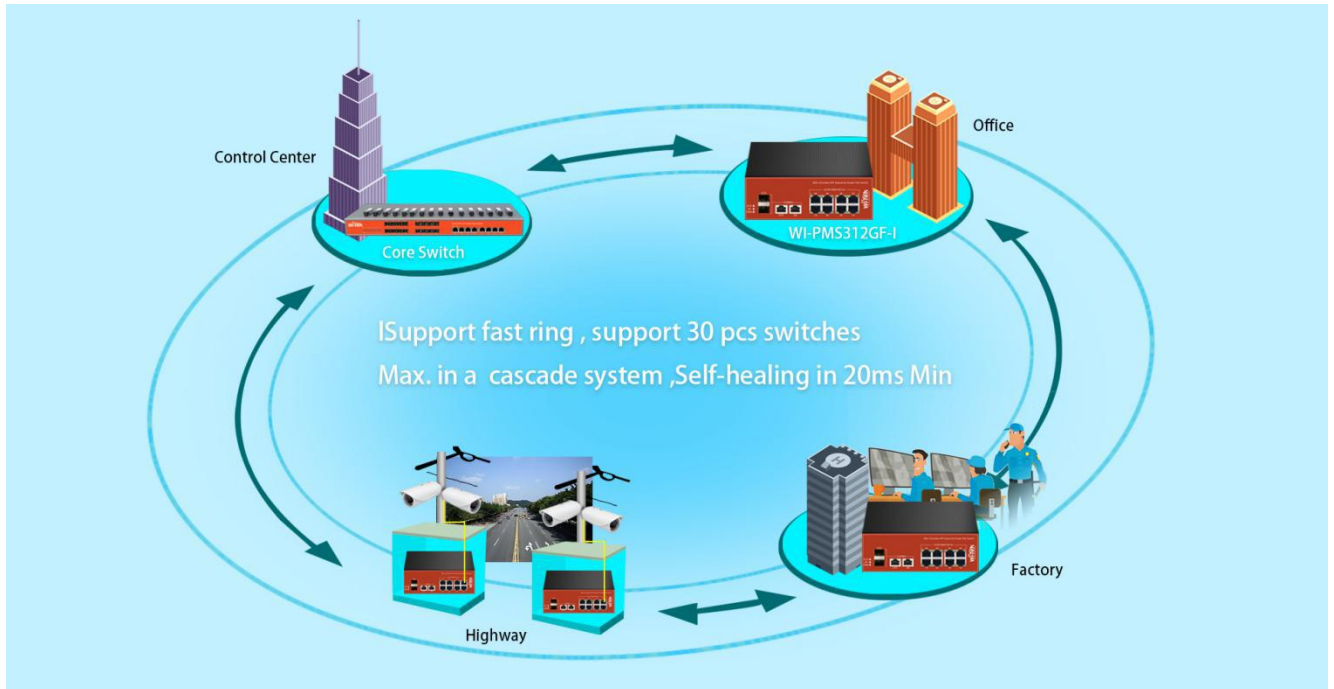
**WI-PS306GF-I**  
**4GE+2SFP Fiber Ports 48V Industrial**  
**PoE Switch with 4-Port PoE**  
**Data sheet**

## Highlights

- 4 Gigabit Ports with 4 PoE, 2SFP Fiber Uplink
- Buffer reaches 4Mbit, Support 4K high-definition video transmission
- Support fast ring, support 30 pcs switches Max.  
in a cascade system, Self-healing in 20ms Min
- Industrial Level 4 protection(ESD, RS, EFT, CS)
- -40°C ~ 80°C working temperature
- IEEE802.3af (15.4W) and IEEE802.3at (30W)

## Typical Application





## Product



## Description

### what this product does

WI-PS306GF-I is 4GE+2SFP Ports Industrial Full Gigabit PoE Switch. Provide 4\*10/100/1000Base-T Ethernet ports, 2\*1000BASE-X SFP ports(Uplink). The switch provides up to 4Mbit cache, Support 4K high-definition video transmission; Working temperature  $-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$ , strong level of protection from lightning, anti-interference. It

fully satisfies the needs of security video surveillance project.

## High Performance

WI-PS306GF-I Gigabit Ethernet Switch provides 4 100/1000Mbps Auto-Negotiation RJ45 ports. All ports support Auto MDI/MDIX function, eliminating the need for crossover cables for Uplink ports. Featuring non-blocking switching architecture, WI-PS306GF-I forwards and filters packets at full wire-speed for maximum throughput. With 10K Jumbo frame, the performance of large files transfers is improved significantly. And IEEE 802.3x flow control for Full Duplex mode and back pressure for Half Duplex mode alleviate the traffic congestion and make WI-PS306GF-I work reliably.

## Easy to Use

The auto features of this Ethernet switch make installation plug and play and hassle-free. No configuring is required. Auto MDI/MDIX eliminates the need for crossover cables. Auto-negotiation on each port senses the link speed of a network device (100, 1000 Mbps) and intelligently adjusts for compatibility and optimal performance.

### Specification

HARDWARE FEATURES	
<b>Interface</b>	4 100/1000Mbps RJ45 Ports 2 SFP Fiber Ports
<b>Network Media</b>	10Base-T: Pair 2 Category 3(Cat3) and above UTP/STP(≤100m) 100Base -TX: Pair 2 Category 5(Cat5) and above UTP/STP(≤100m) 1000Base-T: Pair 4 Category

## HARDWARE FEATURES

	<p>5(Cat5e) and above                      UTP/STP(≤100m)                      1000Base-SX:62.5μm/50μm                      MMF(2m~550m)                      1000Base-L X:62.5μm/50μm                      MM(2m~550m) or 10μm                      SMF(2m~5000m)</p>
<b>Fan Quantity</b>	Fanless
<b>Surge Immunity</b>	6KV Per: IEC61000-4-5
<b>ESD Protection</b>	<p>ESD Level 4 Per: IEC61000-4-2 RS Level                      4 Per: IEC61000-4-3 EFT                      Level 4 Per: IEC61000-4-4                      CS Level 4 Per: IEC61000-4-6</p>
<b>External Power Supply</b>	DC 48-55V 3A Max
<b>PoE Ports (RJ45)</b>	<p>Standard: 802.3 af/at compliant                      PoE Ports: Port1- Port4</p>
<b>Backbound Bandwidth</b>	12Gbps
<b>Mac Address Table</b>	4K
<b>Packet Buffer Memory</b>	8.7Mb
<b>Jumbo</b>	10240 Bytes

## HARDWARE FEATURES

<b>Frame</b>	
<b>Dimensions</b>	145mm*125mm*40 mm(L*W*H)

## SOFTWARE FEATURES

<b>Transmission Method</b>	Store-And-Forward
<b>Advanced Functions</b>	Priority Function Mac Address Auto-Learning And Auto-Aging Store and forward IEEE 802.3x flow control for Full-duplex Mode Backpressure for Half-duplex Mode

## OTHERS

<b>Certification</b>	CE, FCC, RoHS
<b>Package Contents</b>	POE Switch Ethernet Cable Guide Book/Warranty Card
<b>Environment</b>	Operating Temperature: -40°C~80°C