WI-Tek
Communication Solution

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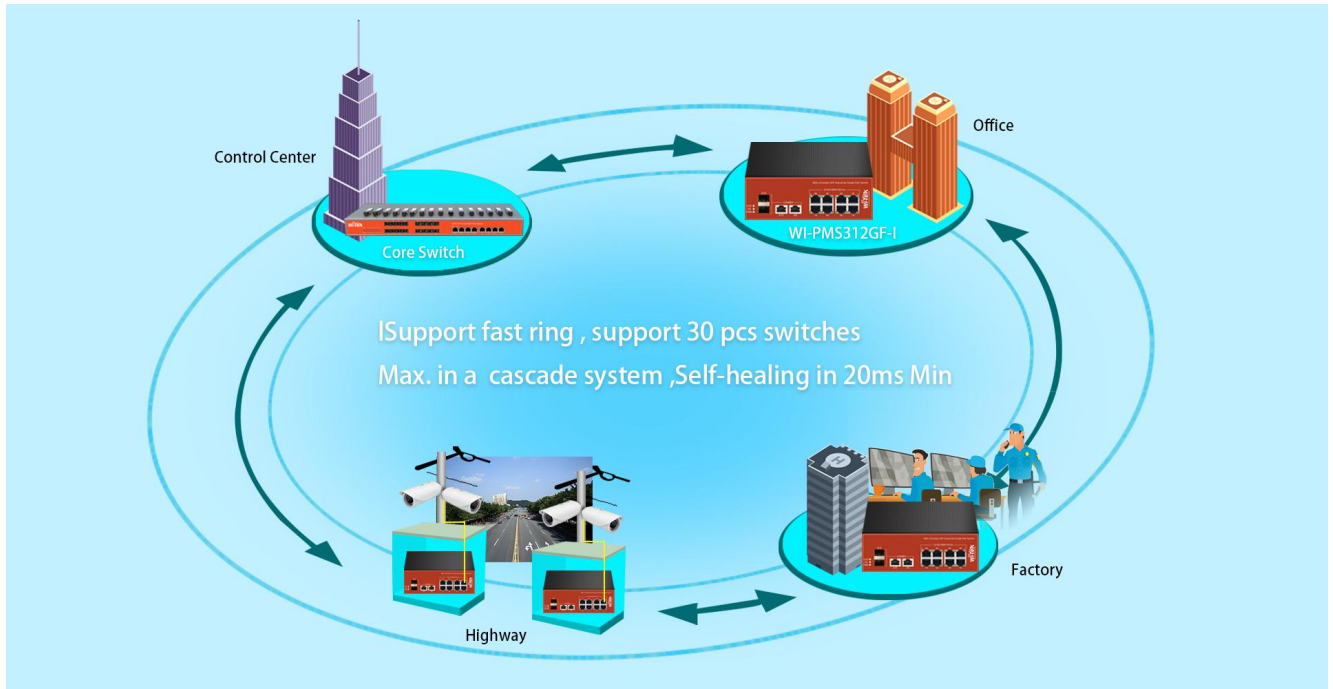## Data sheet

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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℃ ~ 80℃ working temperature

- IEEE802.3af (15.4W) and IEEE802.3at (30W)

Typical Application

48-55V DC
Redundant Power Input

4x100/1000X
SFP Slots

Ip30 Rugged case

8x10/100/1000T Rj45
with 8xPoE+Port

-40℃

80℃
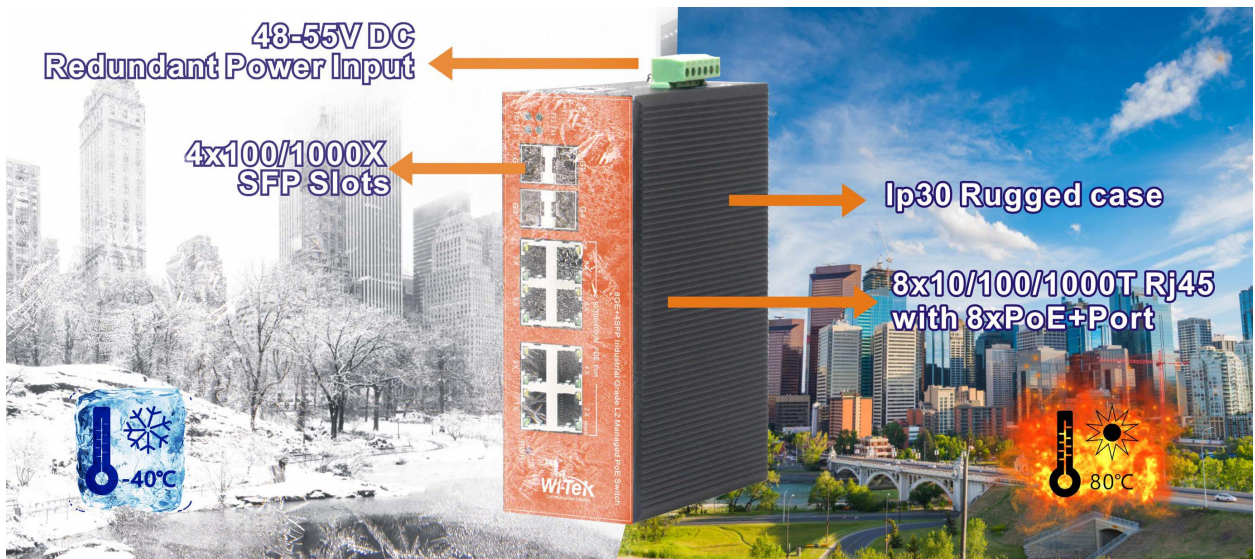
Description

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℃ ~ 80℃, 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	
Interface	4 100/1000Mbps RJ45 Ports 2 SFP Fiber Ports
Network Media	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 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)
Fan Quantity	Fanless
Surge Immunity	6KV Per: IEC61000-4-5

HARDWARE FEATURES	
ESD Protection	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
External Power Supply	DC 48-55V
PoE Ports (RJ45)	Standard: 802.3 af/at compliant PoE Ports: Port1- Port4
Backbound Bandwidth	12Gbps
Mac Address Table	4K
Packet Buffer Memory	8.7Mpps
Jumbo Frame	10240 Bytes
Dimensions	270*180*44 mm(L*W*H)

SOFTWARE FEATURES	
Transmission Method	Store-And-Forward
Advanced	Priority Function

SOFTWARE FEATURES	
Functions	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	
Certification	CE, FCC, RoHS
Package Contents	POE Switch Electric Line Guide Book/Warranty Card
Environment	Operating Temperature: -40°C~80°C

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