WI-PS310GF-I
8GE+2Combo SFP Fiber Ports 48V Industrial PoE Switch with 8-Port PoE Data sheet

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Highlights

- 8 Gigabit Ports with 8 PoE ports, 2 Combo SFP 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

Control Center — Core Switch

Office — WI-PMS312GF-I

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Highway

Factory
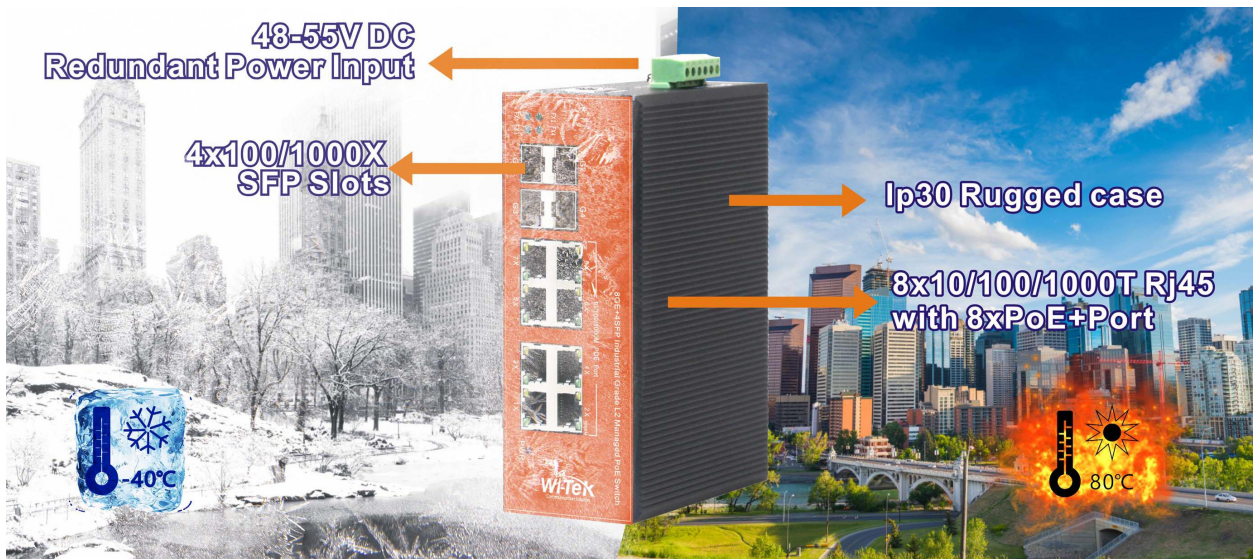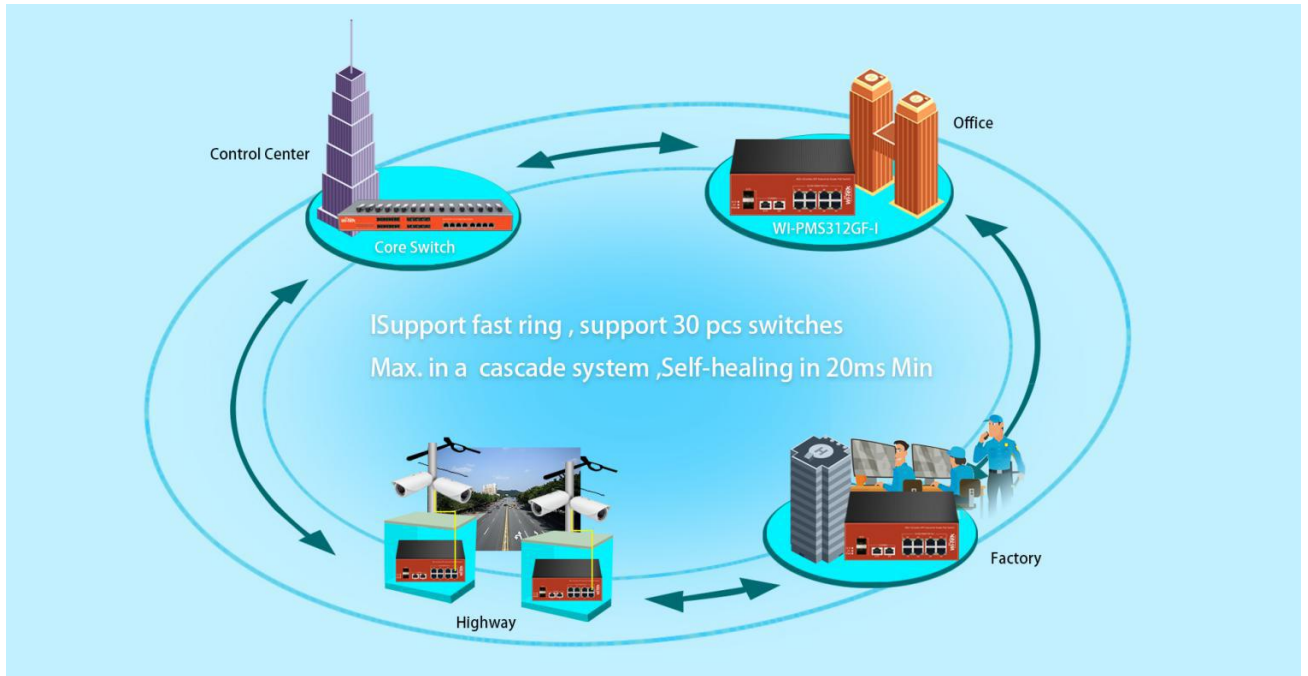
what this product does

WI-PS310GF-I is 8GE+2Combo SFP Ports Industrial Full Gigabit PoE Switch. Provide 10*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-PS310GF-I Gigabit Ethernet Switch provides 10 100/1000Mbps Auto-Negotiation RJ45 ports. All ports support Auto MDI/MDIX function, eliminating the need for crossover cables or Uplink ports. Featuring non-blocking switching architecture, WI-PS310GF-I forwards and filters packets at full wire-speed for maximum throughput. With 10K Jumbo

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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-PS310GF-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	8 100/1000Mbps RJ45 Ports 2 Combo 1000M GE/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

HARDWARE FEATURES	
Surge Immunity	6KV Per: IEC61000-4-5
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- Port8
Backbound Bandwidth	24Gbps
Mac Address Table	8K
Packet Buffer Memory	17.8Mpps
Jumbo Frame	10240 Bytes
Dimensions	270*180*44 mm(L*W*H)

SOFTWARE FEATURES	
Transmission	Store-And-Forward

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

WI-Tek
Communication Solution

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