

# Full Gigabit 48V 802.3af/at PoE Switch

WI-PS305G | WI-PS308G | WI-PS305GF | WI-PS309GF | WI-PS310GF | WI-PS318GF  
WI-PS320GF | WI-PS326GF | WI-PS328GF

## Overview

Wi-Tek Full Gigabit Switch Serial is an unmanaged PoE switch. As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to PoE terminal equipment such as wireless AP, VoIP, visual intelligent building intercom through network cable, and meet the network environment that needs high-density PoE power supply. It is suitable for hotel, campus, factory dormitory and small and medium-sized enterprises.

## Features

### Full Gigabit access, full-line speed forwarding

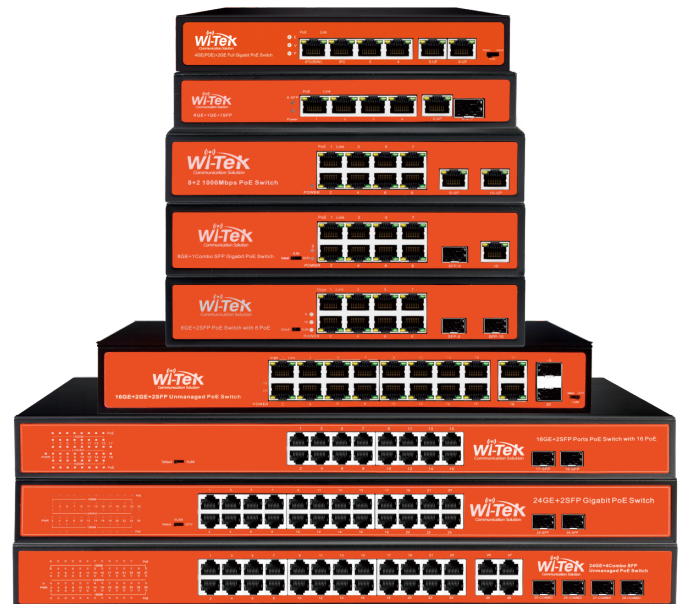
All ports support high-speed forwarding, user-flexibly flexible networking, to meet the needs of various scenarios networking, such as hotel, campus, factory dormitory and small and medium-sized enterprises.

### PoE power supply

Compatible with IEEE 802.3af/at PoE Powered Devices, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.

### Stable and reliable, easy to operate

It supports CE, FCC, RoHS certifications, self-developed power supply, high redundancy design, providing a long term and stable PoE power output. The user-friendly panel, it can show the device status through the LED indicator of PWR, Link, PoE, no configuration, simple and convenient.





HARDWARE FEATURES	WI-PS305G	WI-PS308G	WI-PS305GF	WI-PS309GF
Interface	4 1000Mbps RJ45 PoE Ports 2 1000Mbps RJ45 Ports	8 1000Mbps RJ45 PoE Ports 2 1000Mbps RJ45 Ports	4 1000Mbps RJ45 PoE Ports 1 1000Mbps RJ45 Port 1 1000Mbps SFP Slot	8 1000Mbps RJ45 PoE Ports 1 1000Mbps Combo SFP Port
Network Media	10Base-T: Pair 2 Category 3(cat 3) and above UTP/STP(≤100m) 100Base-TX: Pair 2 Category 5(cat 5) and above UTP/STP(≤100m) 1000BASE-TX: 6 Category and above UTP(≤150m)			
Fan Quantity	Fanless			
Power Budget	65W	120W	65W	150W
Internal Power Supply	AC 110~240V 50/60HZ	AC 110~240V 50/60HZ	AC 110~240V 50/60HZ	AC 110~240V 50/60HZ DC 48-55V Input
PoE Standard	802.3af/at/bt		802.3af/at	
PoE Ports (RJ45)	Port 1-4	Port 1-8	Port 1-4	Port 1-8
PoE Watchdog	Yes		No	
Hi-PoE	Port 1: 802.3bt 60W		No	
250m Distance	Port 1-2		No	
Exchange Capacity	12G	20G	12G	20G
Mac Address Table	2K	4K	2K	4K
Packet Forwarding Rate	8.9Mpps	14.9Mpps	8.9Mpps	14.9Mpps
Buffer	1Mb	1.5Mb	1Mb	1.5Mb
Jumbo Frame	10240Bytes			
Protection Level	6kV Lightning protection 6kV ESD Contact discharge			
SOFTWARE FEATURES				
Transmission Method	Store-And-Forward			
Advanced 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	Store and forward IEEE 802.3x flow control for Full-duplex Mode Backpressure for Half-duplex Mode	Mac Address Auto-Learning And Auto-Aging Store and forward IEEE 802.3x flow control for Full-duplex Mode Back pressure for Half-duplex Mode	
OTHERS				
Certification	CE, FCC, RoHS			
Package Dimension	270×222×65 mm	270×222×65 mm	270×222×65 mm	270×256×65 mm
Switch Dimension	190×130×35 mm	207×140×65 mm	190×130×35 mm	210×140×45 mm
Gross Weight	1.06kg	1.51kg	1.06kg	1.56kg
Net Weight	0.63kg	0.92kg	0.63kg	0.9kg
Package Contents	1 × PoE Switch 1 × Power Cord 1 × Quick Installation Guide	1 × PoE Switch 1 × Power Cord 1 × Quick Installation Guide	1 × PoE Switch 1 × Power Cord 1 × Quick Installation Guide	1 × PoE Switch 1 × Power Cord 1 × Quick Installation Guide
Working Temperature	-10°C ~ 55°C			
Storage temperature	-40°C ~ 70°C			
Working Humidity	10% ~ 90% RH non-condensing	10% ~ 90% RH non-condensing	10% ~ 90% RH non-condensing	10% ~ 90% RH non-condensing
Storage Humidity	5% ~ 90% RH non-condensing	5% ~ 90% RH non-condensing	5% ~ 90% RH non-condensing	5% ~ 90% RH non-condensing



HARDWARE FEATURES	WI-PS310GF	WI-PS318GF	WI-PS320GF	WI-PS326GF	WI-PS328GF
Interface	8 1000Mbps RJ45 PoE Ports 2 1000Mbps SFP Slots	16 1000Mbps RJ45 PoE Ports 2 1000Mbps SFP Slots	16 1000Mbps RJ45 PoE Ports 2 1000Mbps Combo SFP Ports	24 1000Mbps RJ45 PoE Ports 2 1000Mbps SFP Slots	24 1000Mbps RJ45 PoE Ports 4 1000Mbps Combo SFP 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	2 Fans			
Power Budget	150W	350W	350W	400W	400W
Internal Power Supply	AC 110~240V 50/60HZ DC 48-55V	AC 110~240V 50/60HZ	AC 110~240V 50/60HZ	AC 110~240V 50/60HZ	AC 110~240V 50/60HZ
PoE Standard	802.3 af/at/bt				
PoE Ports (RJ45)	Port 1-8	Port 1-16	Port 1-16	Port 1-24	Port 1-24
Exchange Capacity	20G	36G	36G	52G	56G
Mac Address Table	4K	8K	8K	8K	8K
Packet Forwarding Rate	14.9Mpps	26.8Mpps	26.8Mpps	38.7Mpps	41.7Mpps
Buffer	1.5Mb	4Mb	4Mb	12Mb	12Mb
Jumbo Frame	10240Bytes				
Protection Level	Lightning protection 6kV 6kV ESD Contact discharge				
SOFTWARE FEATURES					
Transmission Method	Store-And-Forward				
Advanced 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 Dimension	270×256×65 mm	410×275×90 mm	410×275×90 mm	510×375×90 mm	510×375×90 mm
Switch Dimension	210×140×45 mm	295×190×45 mm	295×190×45 mm	440×290×45 mm	440×290×45 mm
Gross Weight	1.56kg	2.36kg	2.36kg	4kg	4.31kg
Net Weight	0.9kg	1.79kg	1.79kg	3.45kg	3.45kg
Package Contents	1 × PoE Switch 1 × Power Cord 1 × Quick Installation Guide	1 × PoE Switch 1 × Power Cord 1 × Quick Installation Guide	1 × PoE Switch 1 × Power Cord 1 × Quick Installation Guide	1 × PoE Switch 1 × Power Cord 1 × Quick Installation Guide	1 × PoE Switch 1 × Power Cord 1 × Quick Installation Guide
Working Temperature	-10°C ~ 55°C				
Storage temperature	-40°C ~ 70°C				
Working Humidity	10% ~ 90% RH non-condensing	10% ~ 90% RH non-condensing	10% ~ 90% RH non-condensing	10% ~ 90% RH non-condensing	10% ~ 90% RH non-condensing
Storage Humidity	5% ~ 90% RH non-condensing	5% ~ 90% RH non-condensing	5% ~ 90% RH non-condensing	5% ~ 90% RH non-condensing	5% ~ 90% RH non-condensing



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Cloud Management



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