

# Gigabit Ethernet Switch

WI-SG105 | WI-SG108 | WI-SG116D | WI-SG124D | WI-SG116 | WI-SG124 | WI-SG116F | WI-SG124F  
WI-SG310F | WI-SG324F | WI-SG148

## Overview

Wi-Tek Gigabit Ethernet Switches provide an easy way to expand your wired network. With all ports support Auto-MDI/MDIX, there's no need to worry about the type of cable to use. Featuring full duplex mode can send and receive data at a rate up to 1000Mbps, making it an ideal choice for expanding your high performance network.

## 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.

### Plug and play, no configuration required

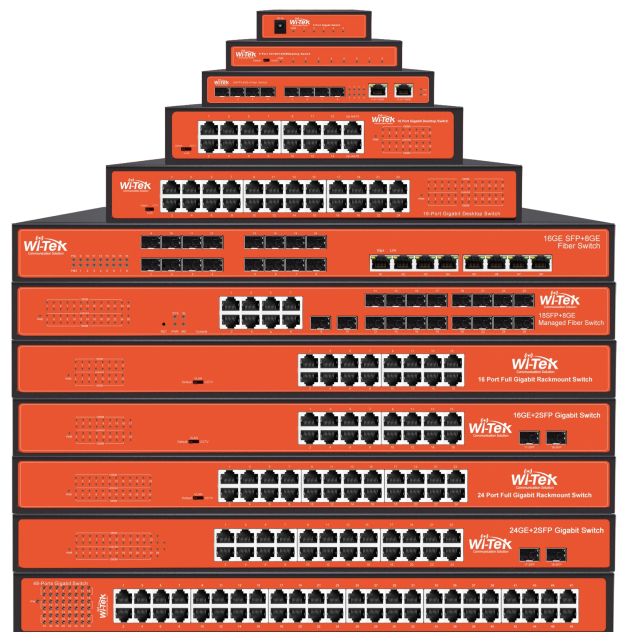
A plug-and-play design lets administrators quickly connect the switch to devices with no hassles, no technician needed. Auto-negotiation on each port senses and adjusts the link speed of a network intelligently to ensure an overall boost in performance and reliability. Convenient for wall-mounted, desktop and rack installations.

### Long service Life with sturdy and durable metal shell

Wi-Tek Gigabit Ethernet Switches are protected by high-quality metal shell to ensure the long service life. They have passed a series of strict tests and provided you with reliable performance.

### Environmentally friendly with your Ethernet

Wi-Tek Gigabit Ethernet Switches make use of innovative energy-saving technologies. Power consumption automatically adjusts according to link status and cable length.



# Specifications



HARDWARE FEATURES	WI-SG105	WI-SG108	WI-SG116D	WI-SG124D
Standards	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p			
Interface	5 100/1000Mbps RJ45 Ports	8 100/1000Mbps RJ45 Ports	16 100/1000Mbps RJ45 Ports	24 100/1000Mbps RJ45 Ports
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX/1000Base-T: UTP category 5, 5e, 6 or above cable (maximum 100m)	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX/1000Base-T: UTP category 5, 5e, 6 or above cable (maximum 100m) 1000BASE-X: MMF, SMF 1000Base-L X:62.5µm/50µm MM(2m~550m) or 10µm SMF(2m~5000m)		
LED Indicator	PoE/Link/Power	PoE/Link/Power	PoE/Link/Power	PoE/Link/Power
DIP Switch	N/A	Default / VLAN	Default / VLAN / CCTV	Default / VLAN / CCTV
Port VLAN	N/A	Yes	Yes	Yes
Video Priority	N/A	N/A	Yes	Yes
Fan Quantity	Fanless			
Exchange Capacity	1G	16G	32G	48G
Packet Forwarding Rate	0.74Mpps	11.9Mpps	23.8Mpps	35.7Mpps
Mac Address Table	2K	4K	8K	8K
Power Adapter	5V/0.5A	DC 5-15V	AC IN: 110-240V	
Packet Buffer Memory	1Mb	1.5Mb	4Mb	12Mb
Jumbo Frame	10240Bytes			
Port VLAN	No	Yes	Yes	Yes
OTHERS				
Certification	CE, FCC, RoHS			
Package Dimension	113×115×63 mm	210×170×43 mm	250×180×70 mm	380×215×95 mm
Switch Dimension	88×83×25 mm	140×78×25 mm	210×105×45 mm	305×140×45 mm
Gross Weight	0.32kg	0.49kg	1kg	1.67kg
Net Weight	0.18kg	0.28kg	0.64kg	1.17kg
Package Contents	1 × Switch 1 × Power Adapter 1 × Quick Installation Guide	1 × Switch 1 × Power Adapter 1 × Quick Installation Guide	1 × Switch 1 × Power Cord 1 × Guide Book 1 × Rack Mount Kit 1 × Quick Installation Guide	1 × Switch 1 × Power Cord 1 × Rack Mount Kit 1 × Quick Installation Guide
Working Temperature	-10°C~55°C			
Storage Temperature	-40°C~70°C			
Working Humidity	10%~90% RH non-condensing			
Storage Humidity	5%~90% RH non-condensing			



HARDWARE FEATURES	WI-SG116	WI-SG124	WI-SG116F	WI-SG124F
Standards	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p			
Interface	16 100/1000Mbps RJ45 Ports	24 100/1000Mbps RJ45 Ports	16 100/1000Mbps RJ45 Ports 2 100/1000Mbps SFP Slots	24 100/1000Mbps RJ45 Ports 2 100/1000Mbps SFP Slots
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX/1000Base-T: UTP category 5, 5e, 6 or above cable (maximum 100m) 1000BASE-X: MMF, SMF 1000Base-L X:62.5µm/50µm MM(2m~550m) or 10µm SMF(2m~5000m)			
LED Indicator	PoE/Link/Power	PoE/Link/Power	PoE/Link/Power	PoE/Link/Power
DIP Switch	Default/VLAN/CCTV	Default/VLAN/CCTV	Default / VLAN / CCTV	Default / VLAN / CCTV
Port VLAN	Yes	Yes	Yes	Yes
Video Priority	Yes	Yes	Yes	Yes
Fan Quantity	Fanless			
Exchange Capacity	32G	48G	36G	52G
Packet Forwarding Rate	23.8Mpps	35.7Mpps	26.72Mpps	38.6Mpps
Mac Address Table	8K	8K	8K	8K
Power Adapter	AC IN: 110-240V			
Packet Buffer Memory	4Mb	12Mb	4Mb	12Mb
Jumbo Frame	10240Bytes			
Port VLAN	Yes	Yes	Yes	No
OTHERS				
Certification	CE, FCC, RoHS			
Package Dimension	510×220×90 mm	550×218×93 mm	510×220×90 mm	510×220×90 mm
Switch Dimension	440×140×45 mm	440×140×45 mm	440×140×45 mm	440×140×45 mm
Gross Weight	2.07kg	2.29kg	2.17kg	2.17kg
Net Weight	1.45kg	1.67kg	1.6kg	1.58kg
Package Contents	1 × Switch 1 × Power Cord 1 × Quick Installation Guide 1 × Rack Mount Kit 1 × Rubber Feet	1 × Switch 1 × Power Cord 1 × Rack Mount Kit 1 × Rubber Feet	1 × Switch 1 × Power Cord 1 × Quick Installation Guide 1 × Rack Mount Kit 1 × Rubber Feet	1 × Switch 1 × Power Cord 1 × Quick Installation Guide 1 × Rack Mount Kit 1 × Rubber Feet
Working Temperature	-10°C~55°C			
Storage Temperature	-40°C~70°C			
Working Humidity	10%~90% RH non-condensing			
Storage Humidity	5%~90% RH non-condensing			



HARDWARE FEATURES	WI-SG310F	WI-SG324F	WI-SG148
Standards	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p		
Interface	2 10/100/1000Mbps RJ45 Ports 8 1000Mbps SFP Slots	8 10/100/1000Mbps RJ45 Ports 16 1000Mbps SFP Slots	48 100/1000Mbps RJ45 Ports
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX/1000Base-T: UTP category 5, 5e, 6 or above cable (maximum 100m) 1000BASE-X: MMF, SMF 1000Base-L X:62.5µm/50µm MM(2m~550m) or 10µm SMF(2m~5000m)		
LED Indicator	PoE/Link/Power	PoE/Link/Power	No
Fan Quantity	Fanless		
Exchange Capacity	20G	48G	128Gbps
Packet Forwarding Rate	14.9Mpps	35.7Mpps	74.4Mpps
Mac Address Table	4K	8K	
Power Adapter	DC IN: 12V 2A	AC IN : 110~240V	
Packet Buffer Memory	1.5Mb	12Mb	4.1M
Jumbo Frame	10240Bytes		
Port VLAN	No		
OTHERS			
Certification	CE, FCC, RoHS		
Package Dimension	298×205×56mm	515×300×95mm	505×375×95mm
Switch Dimension	223×102×35mm	440×220×45mm	440×250×45mm
Gross Weight	0.97kg	3.28kg	4kg
Net Weight	0.6kg	2.45kg	3kg
Package Contents	1 × Switch 1 × Power Cord 1 × Quick Installation Guide	1 × Switch 1 × Power Cord 1 × Rack-mount Kit 1 × Rubber Feet 1 × Quick Installation Guide	1 × Gigabit Switch 2 × Power Cord 1 × Installation Guide 1 × Foot Pad 1 × Rack-mount Kit
Working Temperature	-10°C~55°C		
Storage Temperature	-40°C~70°C		
Working Humidity	10%~90% RH non-condensing		
Storage Humidity	5%~90% RH non-condensing		



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Technical Support



Cloud Management



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