

### Datasheet

# 250 meters Long-Range PoE Switch for CCTV

WI-PS205 | WI-PS210 | WI-PS210G

Hardware Version 3.0



## Overview

Complied with 802.af/at/bt(Hi-PoE), Wi-Tek Long-Distance PoE Switch provide 4/8 10/100Mbps PoE RJ-45 ports, 2 100/1000Mbps Uplink Ports, which can meet flexibly the demand of different PoE Input in different application scenarios. In addition, Wi-Tek Long-Distance PoE Switch can extend the data transmission distance to 250m, breaking the distance limit and improving the device availability. At the same time, Wi-Tek Long-Distance PoE Switch provide valuable features such as extend mode, PoE Watchdog, Port isolation, creating reliable network to grow your business.

#### **Features**

## PoE 250m Long Distance to Extend Network

DIP switch provides Extend Mode. All PoE ports can transmit data and power up to 250 meters. No more hardware or configuration is necessary, easy-to-use and cost-saving. Perfect for surveillance camera deployment in large areas.

#### Hi-PoE 60W Design for Higher Power PoE Devices

High-PoE switch is the upgraded version of PoE switch with higher PoE power. There are many emerging applications that take advantage of high-power PoE, such as building infrastructure with LED display, PTZ IP cameras, and other high power consumption devices.

#### Smart PoE Watchdog to Reboot Camera Automatically

Watchdog is able to monitor status of camera in real-time. Once the camera stops working and does not respond to the switch, the switch will reboot the camera, making surveillance management easier.

#### Port Isolation to Prevent Broadcast Storm

With VLAN Mode, all PoE ports only can communicate with uplink ports. Avoid data leakage between each port and prevent broadcast storm from disabling network.

# Specifications







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Model	WI-PS205	WI-PS210	WI-PS210G	
Hardware Specifications				
Hardware Version	V3	V3	V3	
Interfaces				
Downlink Ports	4 10/100Mbps RJ45 PoE Ports	8 10/100Mbps RJ45 PoE Ports	8 10/100Mbps RJ45 PoE Ports	
Uplink Ports	2 10/100Mbps Uplink Ports	2 10/100Mbps Uplink Ports	2 100/1000Mbps Uplink Ports	
PoE				
PoE Port	Port 1–4	Port 1 – 8		
PoE Standard	Port 1: 802.3bt 60W Port 2-4: 802.3af/at 30W	Port 1: 802.3bt 60W Port 2–8: 802.3af/at 30W	Port 1: 802.3bt 60W Port 2-8: 802.3af/at 30W	
PoE Power Supply Type	Mid-span and End-span			
PoE Pin Assignment	1/2(+), 3/6(-) or 4/5(+), 7/8(-)			
PoE Power	60 W max for port 1, 30W max for port 2-4, 60 W Max. (PoE power budget)  60 W max for port 1, 30W max for port 2-8, 110 W Max. (PoE power budget)			
Switch Property				
Standards and Protocols	IEEE 802.3 (Ethernet) IEEE 802.3u (Fast Ethernet) IEEE 802.3ab (Gigabit Ethernet) IEEE 802.3af (Power over Ethernet) IEEE 802.3at (Power over Ethernet Plu IEEE 802.3bt (Power over Ethernet Typ			
Forwarding Mode	Store and Forward			
Switching Capacity	1.2Gbps	2Gbps	5.6Gbps	
Packet Forwarding Rate	0.89Mpps	1.49Mpps	4.17Mpps	
MAC Address Table	2k			
Packet Buffer Memory	448Kbit			
Jumbo Frame	2048bytes 9:		9216bytes	
Power Supply				
Input Power	AC 100-240V, 50/60Hz 65 W	AC 100-240V, 50/60Hz 120 W		
Power Consumption	Idle: 5 W 100% Traffic Rate with PoE: 65 W  Idle: 10W 100% Traffic Rate with PoE: 120 W			

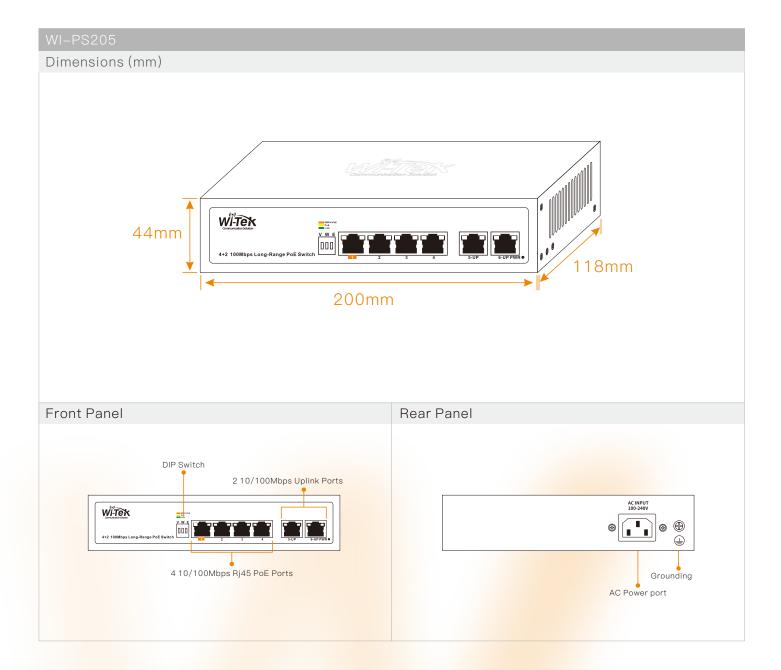


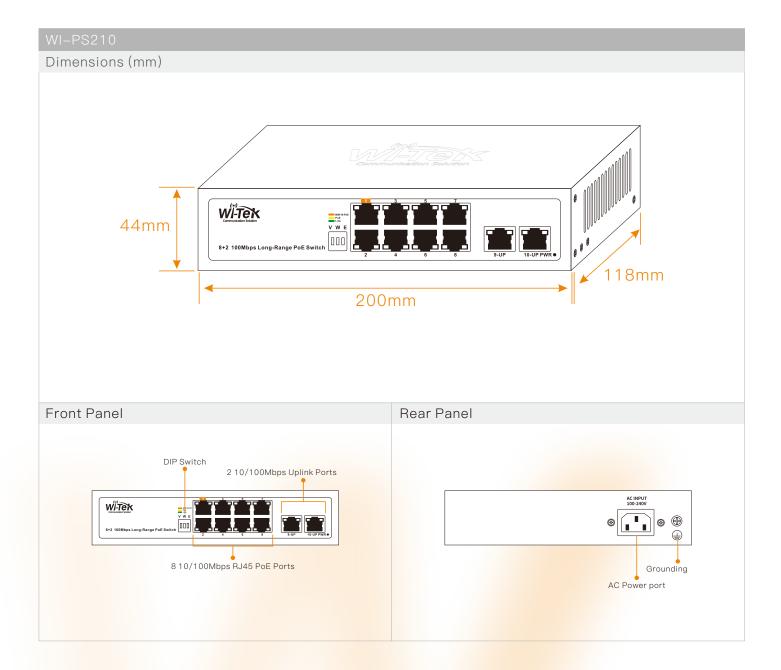


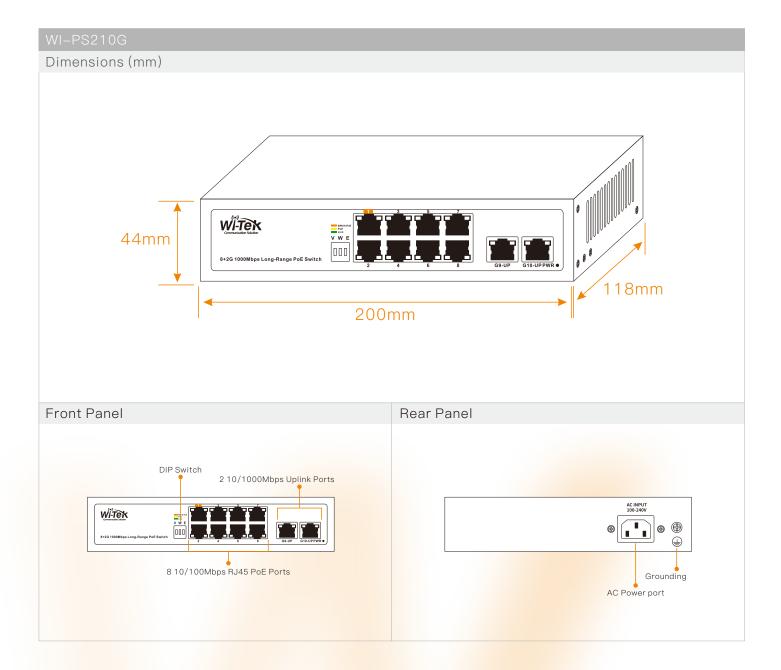


### Page 10   Mineral Page 200   Mineral Page 200   Mineral Page 200		a constitution of the cons	bus watcher.	and the state of t	103 combiguiting though for Emission		
PWR   Solid on: The device is power of is normal Off: The device is power of or failed	Model	WI-PS205		WI-PS210	WI-PS210G		
PoE   Oni: PoE is working   Off: The device is power or in a normal   Off: The device is power or for failed	Physical Characteristics						
Buttons         V(VLAN): All PoE Port Isolated each other W(PoE Watchdog): PoE Extendio Benabus E(Extendi: PoE Extendi: PoE PoE Extendi: PoE Extendi: PoE PoE Extendi: PoE PoE Extendi: PoE	LED Indicators	Solid on: The device power on is normal Off: The device is power off or failed  PoE On: PoE is working Off: PoE not working  Link On: Data on TX/RX					
Switch Dimensions         200x118x44 mm         200x118x44 mm         200x118x44 mm           Package Dimensions         245x190x60mm         245x190x60mm         245x190x60mm           Weight         Net Weight: 0.60 kg         Net Weight: 0.76 kg         Net Weight: 0.76 kg         Net Weight: 0.76 kg           Installation         Wall—mount, desktop         Package Weight: 1.06kg         Package Weight: 1.09kg           Environmental         Environmental         IEC 61000-4-5 Common mode 4kV Differential mode 2kV           Operating Temperature         -10°C-50°C (14°F-122°F)           Storage Temperature         -40°C-70°C (-40°F-158°F)           Operating Humidity         10-90% RH non-combensing           Storage Humidity         5-95% RH non-combensing	Buttons	V(VLAN): All PoE Port isolated each other W(PoE Watchdog): PoE Watchdog Enable					
Package Dimensions         245x190x60mm         245x190x60mm         245x190x60mm           Weight         Net Weight: 0.60 kg         Net Weight: 0.76 kg         Net Weight: 0.76 kg           Package Weight: 0.95 kg         Package Weight: 1.06kg         Package Weight: 1.09kg           Installation         Wall-mount, desktop         Package Weight: 1.06kg         Package Weight: 1.09kg           Environmental         Environmental         EC 61000-4-5 Common mode 4kV Differential mode 2kV           EsD Protection         IEC 61000-4-2 Contact discharge 8kV Air discharge 15 kV           Operating Temperature         -10°C-50°C (14°F-122°F)           Storage Temperature         -40°C-70°C (-40°F-158°F)           Operating Humidity         10-90% RH non-condensing           Storage Humidity         5-95% RH non-condensing	Fan Quantity	Fanless					
Net Weight: 0.60 kg         Net Weight: 0.76 kg         Net Weight: 0.76 kg         Net Weight: 0.76 kg         Package Weight: 1.09kg         Package Weight: 1.09kg	Switch Dimensions	200x118x44 mm		200x118x44 mm	200x118x44 mm		
Weight         Package Weight: 0.95 kg         Package Weight: 1.06kg         Package Weight: 1.09kg           Installation         Wall-mount, desktop         Package Weight: 1.09kg           Environmental         Surge Immunity         IEC 61000-4-5 Common mode 4kV Differential mode 2kV           Protection         IEC 61000-4-2 Contact discharge 8kV Air discharge 15 kV           Operating Temperature         -10°C-50°C (14°F-122°F)           Storage Temperature         -40°C-70°C (-40°F-158°F)           Operating Humidity         10-90% RH non-condensing           Storage Humidity         5-95% RH non-condensing	Package Dimensions	245×190×60mm		245×190×60mm	245×190×60mm		
Package Weight: 0.95 kg   Package Weight: 1.06kg   Package Weight: 1.09kg	Weight	Net Weight: 0.60 kg		Net Weight: 0.76 kg	Net Weight: 0.76 kg		
Environmental  Reliability  Surge Immunity  EC 61000-4-5 Common mode 4kV Differential mode 2kV  ESD Protection  IEC 61000-4-2 Contact discharge 8kV Air discharge 15 kV  Operating Temperature  -10°-50° (14°F-122°F)  Storage Temperature  -40°-70° (-40°F-158°F)  Operating Humidity  10-90% RH non-condensing  Storage Humidity  5-95% RH non-condensing  Certification	Worght	Package Weight:0.9	5 kg	Package Weight: 1.06kg	Package Weight: 1.09kg		
Reliability    Surge Immunity	Installation	Wall-mount, desktop					
Reliability    Surge Immunity   Common mode 4kV   Differential mode 2kV	Environmental	Environmental					
ESD Protection   IEC 61000-4-2   Contact discharge 8kV   Air discharge 15 kV	Reliability	Surge Immunity	Common mode 4kV				
Storage Temperature -40°C-70°C (-40°F-158°F)  Operating Humidity 10-90% RH non-condensing  Storage Humidity 5-95% RH non-condensing  Certification		ESD Protection	Contact discharge 8kV				
Operating Humidity 10–90% RH non–condensing  Storage Humidity 5–95% RH non–condensing  Certification	Operating Temperature	-10℃-50℃ (14°F-122°F)					
Storage Humidity 5–95% RH non-condensing  Certification	Storage Temperature	-40°C-70°C (-40°F-158°F)					
Certification	Operating Humidity	10-90% RH non-condensing					
	Storage Humidity	5-95% RH non-condensing					
Certification CE, FCC, RoHS, UKCA, RCM	Certification						
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# **Appearances and Dimensions**







## **Package Contents**

Welcome to order our products. After purchasing, you will receive:

Items	Quantity
Switch	1 pcs
Power Cord	1 pcs
Quick Installation Guide	1 pcs



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Technical Support

Cloud Management

Company Website

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