

Datasheet

100Mbps Outdoor PoE Switch

WI-PS206-O | WI-PS210-O



Overview

Wi-Tek Outdoor PoE Switch offers an “All in One” solution for installers and customers, streamlining the process by eliminating the need to order separate parts and assemble them. With IP65 weatherproof and 6kV surge protection, it ensures stable operation in harsh environments. The Wi-Tek Outdoor Waterproof PoE Switch Series is designed for outdoor applications like video surveillance and commercial Wi-Fi installations, providing reliable connectivity and durability in outdoor settings.

Features

All in One

The outdoor PoE switch is generally more cost-effective than non-assembled switches because there's no need to cost each part of the switch separately.

IP65 Waterproof and Dustproof Enclosure Design

It adopts a high-weather-resistant shell and provides dustproof and waterproof capabilities. It can work normally in extreme environments as low as -30°C and as high as 60°C , without fear of wind, sun, rain, and snow.

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 further hardware or configuration is necessary, easy-to-use, and cost-saving. Perfect for surveillance camera deployment in large areas.

Smart PoE Watchdog to Detect and Reboot Offline PD Device

All PoE ports enable PD Alive function, which can detect and reboot the offline compliant PoE powered devices.

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 storms from disabling the network.

Specifications

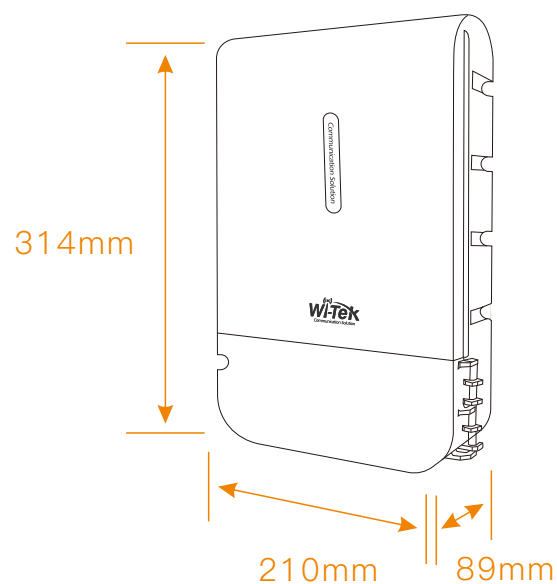


Model	WI-PS206-O	WI-PS210-O
Hardware Specifications		
Interfaces		
Downlink Ports	4 *10/100Mbps RJ45 Ports	8 *10/100Mbps RJ45 Ports
Uplink Ports	2 *100Mbps RJ45 Ports	2 *100Mbps RJ45 Ports
PoE		
PoE Port	Port 1–4	Port 1–8
PoE Standard	Port 1–2: Hi-PoE 45W Port 3–4: IEEE802.3 af/at 30W	Port 1–2: Hi-PoE 45W Port 3–8: IEEE802.3 af/at 30W
PoE Pin Assignment	1/2(+), 3/6(–)	
PoE Power	45W Max. for port 1–2 30W Max. for port 3–4 60W Max. for PoE power budget	45W Max. for port 1–2 30W Max. for port 3–8 100W Max. for PoE power budget
Switch Property		
Standards and Protocols	IEEE802.3 IEEE802.3af IEEE802.3u IEEE802.3at IEEE802.3x	
Forwarding Mode	Store and Forward	
Switching Capacity	1.2Gbps	2Gbps
Packet Forwarding Rate	0.89Mpps	1.49Mpps
MAC Address Table	1K	
Packet Buffer Memory	448Kbit	
Jumbo Frame	1552Bytes	
Power Supply		
Input Power	AC: 100–240V, 50/60Hz	
Power Consumption	Idle: 3W 100% Traffic Rate with PoE: 63W	Idle: 12.78W 100% Traffic Rate with PoE: 112.78W

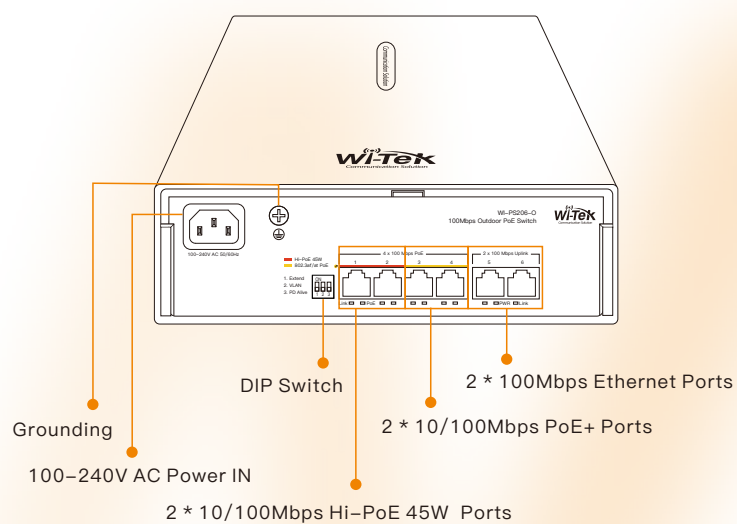
Model		WI-PS206-O	WI-PS210-O
Physical Characteristics			
LED Indicators		PWR(Green): Solid On: The device is powered on normally Off: The device is powered off or failed Link (Green): Solid On: Port connected Blinking: Data transmission Off: Port disconnected PoE (Orange): Solid On: There is a PoE PD connected to be port, which supply power successfully Off: No PoE powered device (PD) connected	
Switch Dimension (W*D*H)		314*210*89mm	
Package Dimension		405*253*97mm	
Weight		Net Weight: 1.03kg	Net Weight: 1.03kg
		Package Weight: 1.85kg	Package Weight: 1.89kg
Installation		Wall-mounted, Pole-mounted	
Fan Quantity		Fanless	1
Environmental			
Reliability	Surge Immunity	IEC 61000-4-5 Network Port: Common mode ±6KV Differential mode ±2KV Power Port: Common mode ±4KV Differential mode ±2KV	
	ESD Protection	IEC 61000-4-2 Contact discharge ±6KV Air discharge ±8KV	
Operating Temperature		-30°C ~ 60°C(-22°F to 140°F)	
Operating Humidity		10%~90% RH no condensation	
Storage Temperature		-40°C ~70°C(-40°F to 158°F)	
Storage Humidity		5% ~ 90% RH no condensation	
Certification			
Certification		CE, FCC, RoHS, UKCA, RCM	

WI-PS206-O

Dimensions (mm)

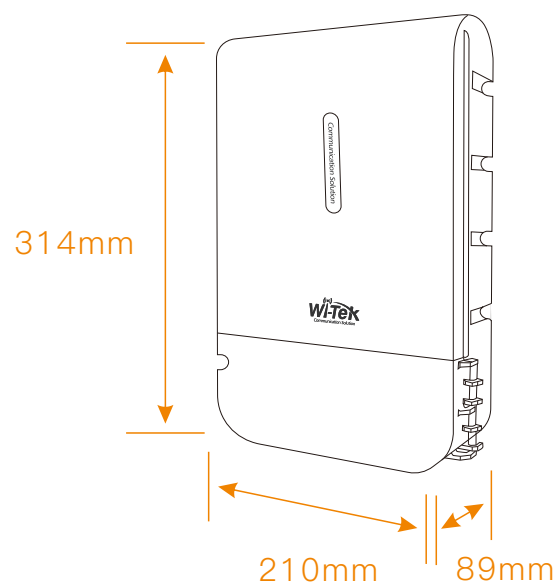


Back Panel

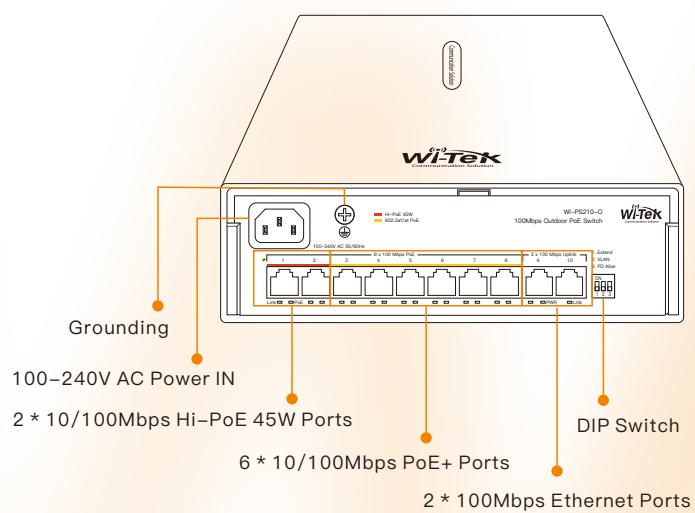


WI-PS210-O

Dimensions (mm)



Back Panel



Package Contents

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

Items	Quantity
Switch	1 PC
Metal Tie Accessories	2 PCS
Wall Mount Accessories	Screws, Plastic Expansion Tube * Several
Rubber Plug	2 PCS
M36 Waterproof Gland	2 PCS
AC Power Connector	1 PC
AC Power Cord	1 PC
Quick installation guide	1 PC



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Technical Support



Cloud Management



Company Website