

# 2.5G PoE Injector

WI-POE65-2.5G-30W | WI-POE65-2.5G-60W



## Overview

Wi-Tek 2.5G PoE Injector complies with IEEE 802.3af/at/bt standards with up to 60W power supply. It is also equipped with two 10M/100M/1G/2.5GBASE-T RJ45 copper interfaces to handle high-speed data transfer. Suitable for use with IP cameras, and access points to increase communication distance and extend our network to places no power or sockets.

## Features

### Higher network speed boosts network performance

WI-POE65-2.5G-30W and WI-POE65-2.5G-60W are here to meet the higher needs of connection for networking devices such as WiFi6 AP, and surveillance PTZ camera. WI-POE65-2.5G-30W and WI-POE65-2.5G-60W are equipped with 100/1000/2500Mbps RJ-45 ports providing network speeds of up to 2.5Gbps.

### Plug and Play Installation Mode, No Configuration is Required

Easy to install, simply connect the injectors to an Ethernet switch and to the IP-based PoE device to provide power and data for the network. The compact and lightweight design is easy to install and facilitates deployment of PoE devices with no power outlet requirement. Both PoE injectors have overload and short circuit protection, which shuts down the power immediately if those issues prevail, leaving no damage to your equipment.



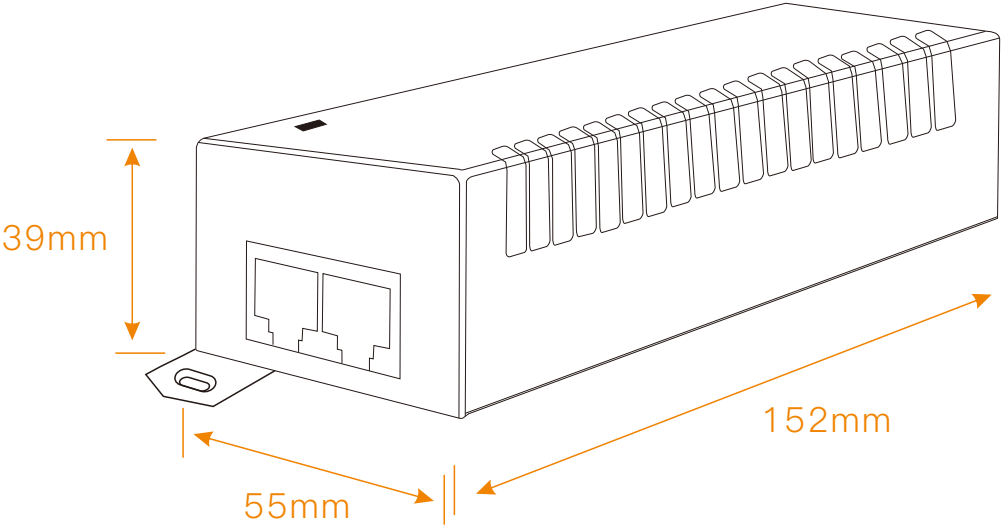
# Specifications

| Model                    |                | WI-POE65-2.5G-30W                                                                                                      | WI-POE65-2.5G-60W                                    |
|--------------------------|----------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| Hardware Specifications  |                |                                                                                                                        |                                                      |
| Hardware Version         |                | V1                                                                                                                     | V1                                                   |
| Interfaces               |                |                                                                                                                        |                                                      |
| Interfaces               |                | 1 100Mbps/1000Mbps/2.5Gbps Auto-Negotiation RJ45 LAN port<br>1 100Mbps/1000Mbps/2.5Gbps Auto-Negotiation RJ45 PoE port |                                                      |
| PoE                      |                |                                                                                                                        |                                                      |
| PoE Port                 |                | 1 100Mbps/1000Mbps/2.5Gbps Auto-Negotiation PoE port                                                                   | 1 100Mbps/1000Mbps/2.5Gbps Auto-Negotiation PoE port |
| PoE Standard             |                | 802.3 af/at                                                                                                            | 802.3 af/at/bt （60W）                                 |
| PoE Power Supply Type    |                | End-span                                                                                                               | Mid-span and End-span                                |
| PoE Pin Assignment       |                | 1/2(+), 3/6(-)                                                                                                         | 1/2(+), 3/6(-) or 4/5(+), 7/8(-)                     |
| PoE Power Budget         |                | 30W Max                                                                                                                | 60W Max                                              |
| Power Supply             |                |                                                                                                                        |                                                      |
| Input Power              |                | AC 100-240V 50/60Hz                                                                                                    |                                                      |
| Power Consumption        |                | Idle: 2 W                                                                                                              | Idle: 3 W                                            |
| Physical Characteristics |                |                                                                                                                        |                                                      |
| LED Indicators           |                | <b>power</b><br>On: the device power on is normal<br>Off: the device is power off or failed                            |                                                      |
| Fan Quantity             |                | Fanless                                                                                                                |                                                      |
| Injector Dimension       |                | 165*55*38 mm                                                                                                           | 185*92*41 mm                                         |
| Package Dimension        |                | 195*160*55 mm                                                                                                          | 245*190*60 mm                                        |
| Weight                   |                | Net Weight: 0.17 kg                                                                                                    | Net Weight: 0.44 kg                                  |
|                          |                | Package Weight: 0.41 kg                                                                                                | Package Weight:0.72 kg                               |
| Installation             |                | Wall-Mounted, Desktop                                                                                                  |                                                      |
| Environmental            |                |                                                                                                                        |                                                      |
| Reliability              | Surge Immunity | IEC 61000-4-5<br>Common mode 6kV<br>Differential mode 2kV                                                              |                                                      |
|                          | ESD Protection | IEC 61000-4-2<br>Contact discharge 6kV                                                                                 |                                                      |

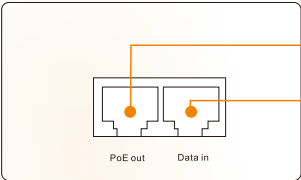
|                       |                |                               |
|-----------------------|----------------|-------------------------------|
| Reliability           | ESD Protection | Air discharge 8kV             |
| Operating Temperature |                | 0°C to 40°C(32°F to 104°F)    |
| Operating Humidity    |                | 10% ~ 90% RH no condensation  |
| Storage Temperature   |                | −40°C to 75°C(−40°F to 167°F) |
| Storage Humidity      |                | 5% ~ 95% RH no condensation   |
| Others                |                |                               |
| Certification         |                | CE, FCC, RoHS, UKCA, RCM      |

WI-POE65-2.5G-30W

Dimensions (mm)

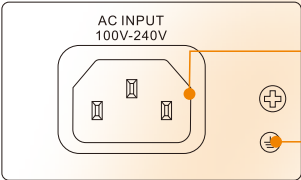


Front Panel



- 1 100/1000/2500Mbps RJ45 PoE+ Port
- 1 100/1000/2500Mbps Ethernet Port

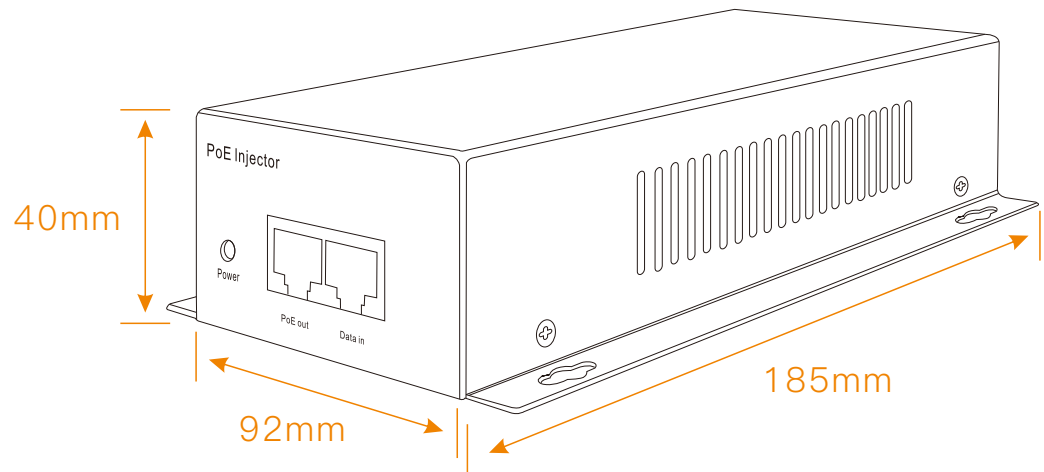
Side Panel



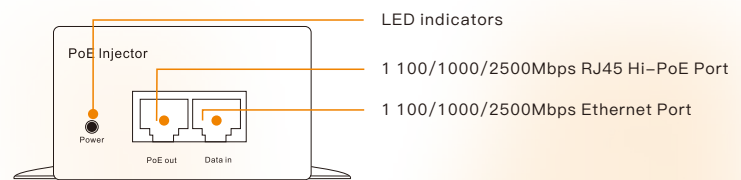
- AC Power Port
- Grounding

WI-POE65-2.5G-60W

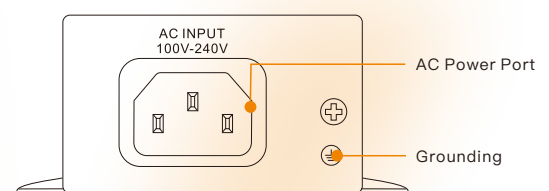
Dimensions (mm)



Front Panel



Side Panel



# Package Contents

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

| Items                    | Quantity |
|--------------------------|----------|
| PoE Injector             | 1 pcs    |
| Power cord               | 1 pcs    |
| Quick Installation Guide | 1 pcs    |



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Technical Support



Cloud Management



Company Website