

## 2.5Gbps 802.3bt PoE Injector

WI-POE58-BT Datasheet  
Hardware Version:V2



### Overview

Wi-Tek PoE Injector is compatible with 802.3af/at/bt and up to 90W power supply. Your IP camera and wireless AP will not be limited by the locations without a power outlet and no additional AC wiring. Most of all, it reduces installation time.

### Features

#### High power PoE output

Supply up to 90W power, Wi-Tek PoE Injector extend our network to places where there is no power supply or outlet.

#### Compact size

The compact and lightweight design is easy to install and facilitates deployment of PoE devices with no power outlet requirement.

#### 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.

# Specifications



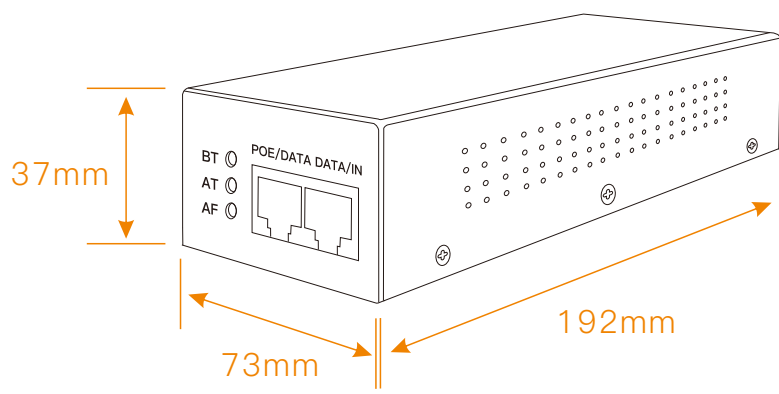
|                          |                                                                                                            |
|--------------------------|------------------------------------------------------------------------------------------------------------|
| Model                    | WI-POE58-BT                                                                                                |
| Hardware Specifications  |                                                                                                            |
| Hardware Version         | V2                                                                                                         |
| Interfaces               |                                                                                                            |
| Interfaces               | Data in port: 1 x 1000/2500Mbps Ethernet port<br>PoE out port: 1 x 1000/2500Mbps PoE port with 802.3bt 90W |
| PoE                      |                                                                                                            |
| PoE Port                 | 1*1000/2500Mbps PoE RJ45 Port                                                                              |
| PoE Standard             | 802.3 af/at/bt(90W)                                                                                        |
| PoE Power Supply Type    | Mid-span and End-span                                                                                      |
| PoE Pin Assignment       | 1/2+, 3/6-, 4/5(+), 7/8(-)                                                                                 |
| PoE Power Budget         | 90W Max                                                                                                    |
| Power Supply             |                                                                                                            |
| Input Power              | AC 100~240V 50/60Hz                                                                                        |
| Power Consumption        | Idle: 2 W                                                                                                  |
| Physical Characteristics |                                                                                                            |
| LED Indicators           | <b>AF</b><br>On: The protocol for PD is 802.3af<br>Off: The protocol for PD is not 802.3af                 |
|                          | <b>AT</b><br>On: The protocol for PD is 802.3at<br>Off: The protocol for PD is not 802.3at                 |
|                          | <b>BT</b><br>On: The protocol for PD is 802.3bt<br>Off: The protocol for PD is not 802.3bt                 |
| Fan Quantity             | Fanless                                                                                                    |
| Injector Dimension       | 192*73*37 mm                                                                                               |
| Package Dimension        | 240*92*88 mm                                                                                               |



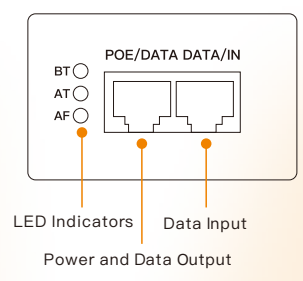
|                       |                |                                                             |
|-----------------------|----------------|-------------------------------------------------------------|
| Model                 |                | WI-POE58-BT                                                 |
| Weight                |                | Net Weight: 0.55 kg                                         |
|                       |                | Package Weight: 0.78 kg                                     |
| Installation          |                | Wall-mount, 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<br>Air discharge 8kV |
| Operating Environment |                | -10 to 55°C (14°F to 131°F), 5%~90% RH no condensation      |
| Storage Environment   |                | -40°C to 80°C (-40°F to 176°F), 5%~95% RH no condensation   |
| Others                |                |                                                             |
| Certification         |                | CE, FCC, RoHS, UKCA, RCM                                    |

WI-POE58-BT

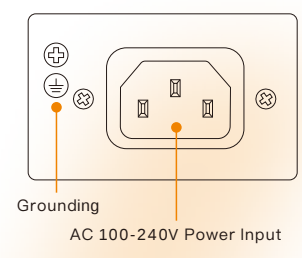
Dimensions (mm)



Front Panel



Rear 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    |



Wireless–Tek Technology Limited  
Address:Building 3, Units 1801–1807, 1812, Huaqiang Era Plaza, Tangwei Community, Fuhai Street, Bao’an District, Shenzhen City, Guangdong Province, China.  
Website:www.wireless–tek.com  
Tel:86–0755–32811290  
Email:sales@wireless–tek.com  
Technical Support:tech@wireless–tek.com



Technical Support



Cloud Management



Company Website