

PoE Injector

802.3at/af Gigabit Wake-On PoE Injector With 6kV Surge Protector (optional)

(Model: WPI100AG)

INTRODUCTION

The Wake-On PoE Injector WPI100AG is designed to use the Ethernet Data Input to wake on PoE power injecting IEEE 802.3af/at compliant PD device for up to 30watt. By enabling/disabling the input Ethernet data transmission, it allows user to turn on/off the power for the PD device. This Wake-On PoE is featured as manageable, energy-saving, remote reset and LAN extender for the applications with unmanaged / managed Ethernet Switch. It's an ideal solution to meet various working scenarios and reducing troubleshooting time. The WPI100AG performs significantly well in power saving function.

FEATURES

- Complies with IEEE 802.3, 10BASE-T, IEEE 802.3u, 100BASE-TX, IEEE802.3ab, 1000BASE-T
- Complies with IEEE802.3af/at Standard
- Supports PoE power up to 30 watts
- PoE Power output controlled by Ethernet Data Input
- Manageable function when WPI100AG co-work with managed Network switch
- LAN Extender
- Power On Demand (Power-Saving)
- Remote Reset
- PoE Surge Protection: 2KV (Optional: 6KV)
- PoE Power Detection Function
- Wall-mount design with metal case
- Plug and Play

Item	Regular PoE Injector	Wake-On PoE Injector
PoE Injector	✓	✓
Manageable Function	✗	✓
LAN Extender	✗	✓
Power On Demand (Power-Saving)	✗	✓
Remote Reset	✗	✓
6KV	✗	option
Grounding	✗	✓

HARDWARE SPECIFICATION

- Standard
 - IEEE 802.3 10Base-T
 - IEEE 802.3u 100Base-TX
 - IEEE 802.3ab 1000Base-T
 - IEEE 802.3af Power over Ethernet
 - IEEE 802.3at Power over Ethernet Plus
- DATA IN
 - 1 10/100/1000BASE-T RJ45 auto-MDI/MDI-X port
- Out Port
 - 1 10/100/1000BASE-T RJ45 auto-MDI/MDI-X port

POWER OVER ETHERNET

- PoE Standard
 - IEEE 802.3af Power over Ethernet
 - IEEE 802.3at Power over Ethernet Plus
- PoE Power Supply Type
 - End-span
- PoE Power Output
 - Per Port 48~56V DC, Max. 30 watts
- Power Pin Assignment
 - 1/2(+), 3/6(-)

LED INDICATORS

- PWR, LINK (DATA IN), LINK (DATA OUT), PoE

PHYSICAL SPECIFICATION

- Item dimensions (WxDxH): 90 x 63 x 25 mm

POWER

- 48~56VDC External Power Adapter

CERTIFICATION

- FCC / CE / LVD

OPERATING ENVIRONMENT

- Operating temperature: 0 – 50°C
- Storage temperature: -20 – 70°C
- Humidity: 20 – 95% non-condensing

