

## INJ-G90

## Multigigabit Ethernet IEEE802.3bt PoE++ Injector (90W)



CTC Union Technologies unveils the next generation PoE++ injector, which is compliant to the latest IEEE 802.3bt PoE standards, model name as INJ-G90. The Ethernet connection from any one port of Ethernet switch/hub via Cat 5e/6 cable can be enabled IEEE 802.3bt/PSE feature by connecting with this PoE injector then feed power to the PoE/PD device remotely. The PoE injector can be bundled with the EXT-G104P PoE extender developed by CTCU to offer the distance extension more than 100 meters for PoE feeding application. This bundled solution can not only offer the one-to-many PoE/PD network device flexibly but also solve the location limitation lack of power outlet perfectly. The compact size and wall mounting design of this PoE injector can simplify the installation in which the space is limited as well.

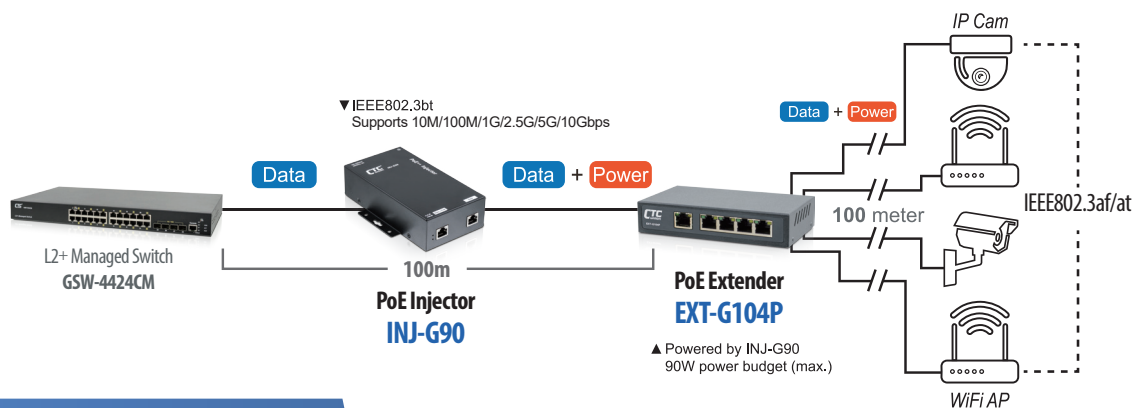
## Features

- Compliant to IEEE 802.3bt standards
- PoE short circuit protection to guard the remote PoE/PD device
- Compact size and wall mountable

## Specifications

|                          |                                                                                                                                                                                                                                                                    |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IEEE Standard            | IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX Fast Ethernet, IEEE802.3ab 1000Base-T Gigabit Ethernet<br>IEEE802.3bz 2.5G/5GBase-T Ethernet, IEEE802.3an 10GBase-T Ethernet<br>IEEE802.3af PoE standard, IEEE802.3at PoE+ standard, IEEE802.3bt PoE++ standard |
| PoE/PSE Output           | RJ45 pin assignment: Both 1/2 (+), 3/6 (-) and 4/5 (+), 7/8 (-)                                                                                                                                                                                                    |
| LED Indicator            | "PWR" LED: System power, "PoE" LED: 10M/100M/1G/2.5G/5G/10G RJ45 PoE output                                                                                                                                                                                        |
| PoE Power Budget         | 90W (max.)                                                                                                                                                                                                                                                         |
| PoE Output Voltage       | 53VDC (Minimum)                                                                                                                                                                                                                                                    |
| Built-in Power Supply    | Input: 100~240VAC, Output power: 90W, 53VDC                                                                                                                                                                                                                        |
| Temperature              | 0 ~ 50°C (operating), -10 ~ 70°C (Storage)                                                                                                                                                                                                                         |
| Humidity                 | 10% ~ 90% (non-condensing)                                                                                                                                                                                                                                         |
| Regulatory Certification | CE, FCC                                                                                                                                                                                                                                                            |

## Application



## Ordering Information

| Model Name | Description                                                     |
|------------|-----------------------------------------------------------------|
| INJ-G90    | 1 port Multigigabit Ethernet, IEEE 802.3bt PoE++ Injector (90W) |