INJ-G90   PoE++ Injector

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.
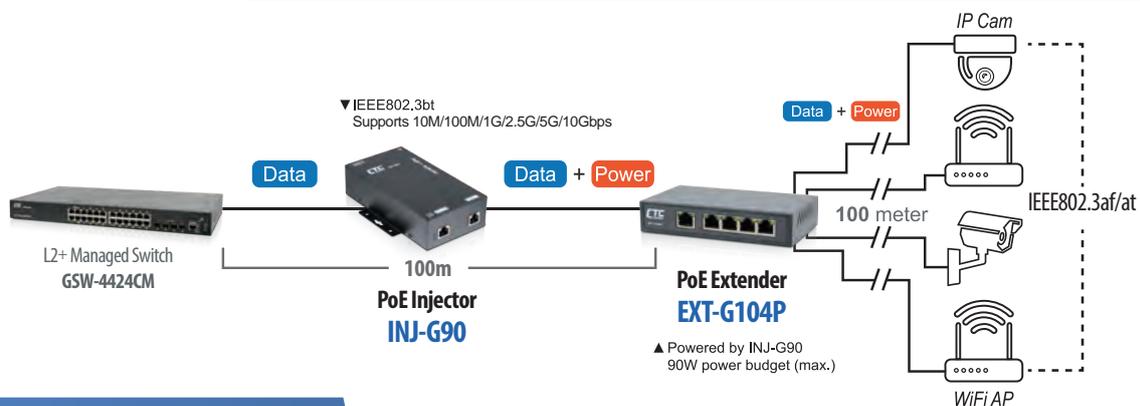
Features

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

Specifications

IEEE Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX Fast Ethernet, IEEE802.3ab 1000Base-T Gigabit Ethernet
	IEEE802.3bz 2.5G/5GBase-T Ethernet, IEEE802.3an 10GBase-T Ethernet
	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℃ (operating), -10 ~ 70℃ (Storage)
Humidity	10% ~ 90% (non-condensing)
Regulatory Certification	CE, FCC

Application

IP Cam

▼IEEE802.3bt
Supports 10M/100M/1G/2.5G/5G/10Gbps

Data

Data + Power

Data + Power

IEEE802.3af/at

100 meter

L2+ Managed Switch
GSW-4424CM

100m

PoE Injector
INJ-G90

PoE Extender
EXT-G104P

▲ Powered by INJ-G90
90W power budget (max.)

WiFi AP

Ordering Information

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