

NEW



INJ-G90

Multigigabit Ethernet IEEE802.3bt PoE++ Injector

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

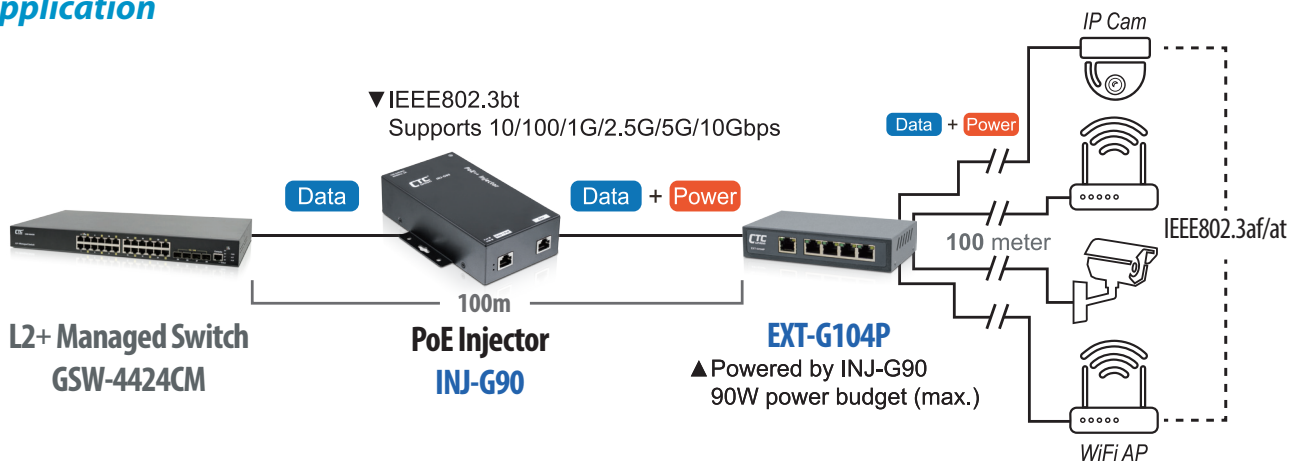
- Compliant to IEEE 802.3bt standards
- Compact size and wall mountable
- PoE short circuit protection to guard the remote PoE/PD device.

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
PoE/PSE output	IEEE802.3bt PoE++ standard
	RJ45 pin assignment: Both 1/2 (+), 3/6 (-) and 4/5 (+), 7/8 (-)
LED indicator	"PWR" LED: System power
	"PoE" LED: 10/100/1000Base-T RJ45 link & PoE output

PoE power budget	INJ-G90(90W max)
PoE output voltage	54VDC (Minimum)
Built-in power supply	Input: 110~240VAC
	Output power: 90W, 54VDC
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)