GIGABIT POE++
INJECTOR

GIGABIT BT POE POWER SUPPLY APPLIANCE MEETS IEEE802.3AF/AT/BT PROTOCOL, STANDARD GIGABIT NETWORK TRANSMISSION, ISOLATED HIGH PERFORMANCE AND HIGH POWER OUTPUT.

USING THE STANDARD BT PROTOCOL CHIP, BUILT-IN VARIOUS PROTECTION CIRCUIT

THE POE PROTOCOL: IEEE802.3BT

TRANSMISSION RATE: 10 / 100 / 1000MBPS

INTERNATIONAL GENERAL WIDE VOLTAGE AC INPUT (AC100V~240V 50 / 60HZ)

BUILT-IN POWER SUPPLY POWER 52V 150W

POE POWER: PROVIDES POWER OUTPUT OF 35W, BUT PROVIDES 90W POWER TO DEVICES ON THE POE BT PROTOCOL.

Introducing the **INJPOE-90W**, our high-performance 90W Gigabit PoE Injector, compliant with IEEE802.3af/at/bt protocols for standard Gigabit network transmission. This injector is equipped with a built-in chip adhering to the bt protocol, incorporating various protection circuits for enhanced safety. Operating on the IEEE802.3bt POE protocol and supporting transmission rates of 10/100/1000Mbps, it offers versatility. With an international wide-voltage AC input range (AC100V~240V 50/60Hz) and a built-in power supply delivering 52V at 150W, this injector stands out. It can provide power of 35W to devices but when detecting the bt protocol, it can provide an impressive 90W power output.

SPECIFICATIONS

VOLTAGE TYPE	AC 100V~240V 50Hz/60Hz
STANDARDS / PROTOCOLS	IEEE 802.3u, IEEE 802.1Q,IEEE 802.1p,IEEE 802.3af/at
PRODUCTIVENESS TYPE	≥85%
OUTPUT VOLTAGE	Unladen: 52V Fully loaded: 52V±0.2
OUTPUT CURRENT	2.88A
RATING	150W
POE POWER	35W POE af/at, 90W POE bt
RIPPLE WAVE VPP	≤100mV
OVERCURRENT PROTECTION	Yes
OVERVOLTAGE CROWBAR	Yes
SHORT-CIRCUIT PROTECTION	Yes
WAVE SURGE PROTECTION	Yes
PILOT LAMP	Red lantern: Power output indicator light, when the device normal output, red always bright. Green light: When there is a POE output, the green light is always on. Yellow light: The yellow light flashes when the power exceeds 60W.
SHORT-CIRCUIT PROTECTION	When the output is short circuit to the ground, the built-in chip will close the output. When the short circuit is lifted, the device will automatically return to normal.
AGEING TIME	All full load aging for 6~8 hours, and with load for surge voltage impact test for 100 times
WORK TEMPERATURE	-40°C~+70°C 20~95%RH No condensation
LAY IN TEMPERATURE	-40°C~+80°C 10~95%RH
TEMPERATURE COEFFICIENT	±0.03%°C