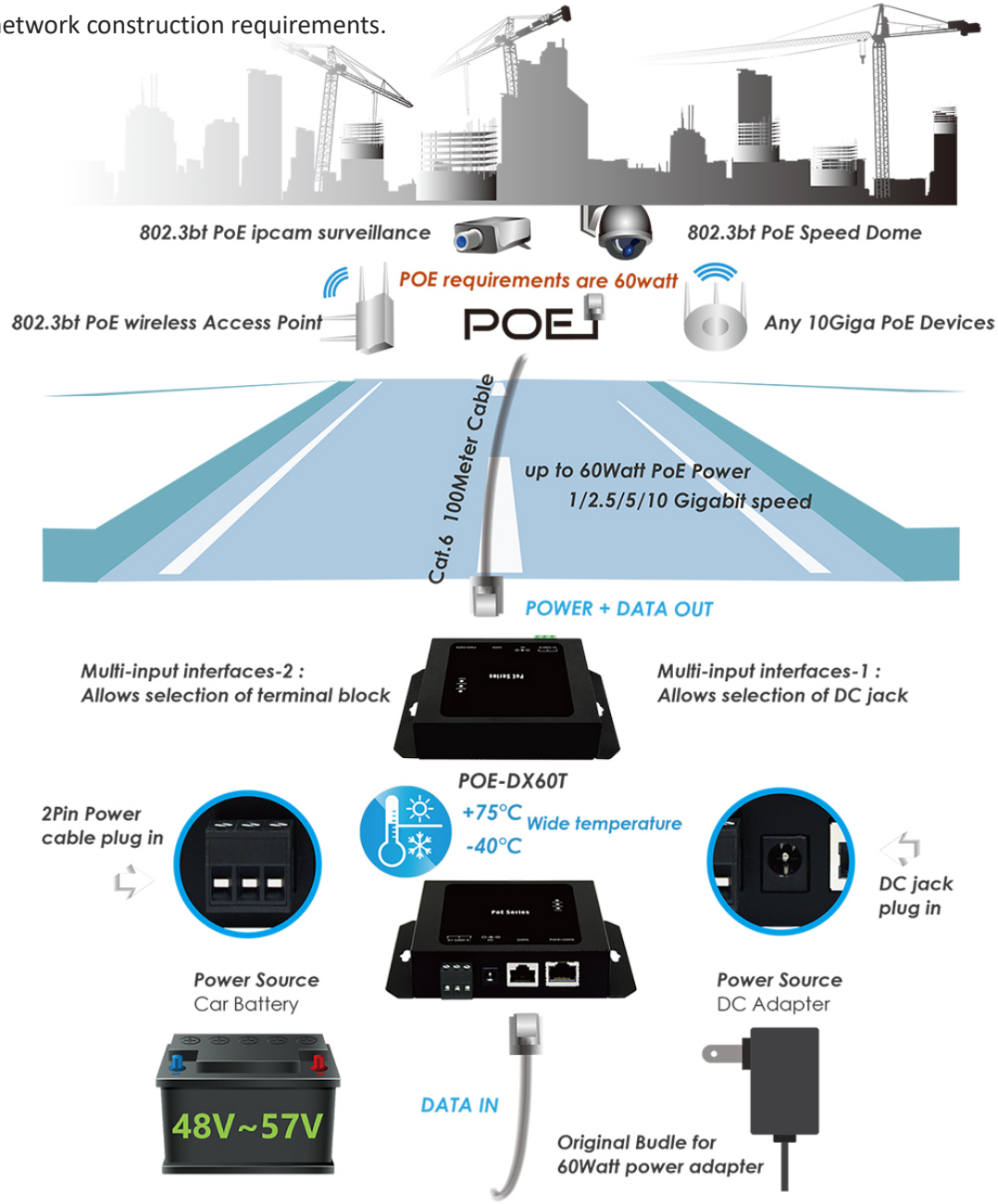
POE-DX60T

60Watt MultiG/10Gigabit DC/Terminal Wide Temperature PoE Injector

EAN Code : 4712757150094

CERIO POE-DX60T supports **IEEE 802.3bt/at/af** Power Over Ethernet Standard. It's an Active PoE **5-Speed (100M/1G/2.5G/5G/10G)** PoE Injector supports 2 Ethernet ports and provides **DC 48-57V** over Ethernet cables. It provides Screw Terminal Block and DC In both Power System. User can select either one to supply power. The max. PoE output **power up to 60Watt**. The **POE-DX60T** can simultaneously transmit network data and power to the PD equipment through the UTP Ethernet Cable transmission. It provides durable and reliable metal casing and **wide temperature (-40° ~ 75° C) design**, also supports wall-mounting installation, which can meet high-standard industrial environment network construction requirements.



Highlight Features

- Complying with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3bz 2.5G/5G BASE-T, IEEE 802.3an 10GBASE-T, IEEE 802.3af PoE, IEEE 802.3at PoE+ and IEEE 802.3bt PoE++ standards.
- Supports 5-Speed (100M/1G/2.5G/5G/10G) Ethernet connection ability.
- Supports IEEE 802.3bt/at/af POE standards and PoE max Power up to 60Watt (IEEE 802.3bt) bundle with 56V power supply.
- Support PSE / POE Power Over Ethernet function which can provide both data and power for distances of up to 100 meters (328 feet) from the power source when using CAT 6 or up cabling.
- Provide Screw Terminal Block power input and DC In both Power Systems. User can select either one to supply power or it can choice dual power supply as power backup function for the device. (Power failover).
- Supports -40° ~ 75° C wide temperature design which can withstand various high and low temperature environmental applications.
- Provides a durable and reliable metal housing design.
- Over Current Protection & Short-circuit Protection.
- Plug-and-Play, requires no configuration.
- Supports desktop, wall mounting installation.

Functionality

CERIO POE-DX60T is designed to supply operational power to network devices such as the latest WiFi 6 generation 802.11ax PoE AP, PoE IP Speed Dome PTZ CAM and surveillance system equipment provide a stable high power PoE powered solution. It greatly simplifies the wiring and deployment process, and brings a great deal of convenience benefits to office and industrial environments. The **POE-DX60T** with Power over Ethernet devices installed, the system administrator only has to use a single RJ-45 Ethernet cable to carry both power and data to each device. It supports -40° ~ 75° C wide range temperature design provides a comprehensive and cost-effective solution for industrial environments.

Durable Metal Housing and Wide Temperature Design

CERIO POE-DX60T provides an industrial durable and high-reliability metal case design and supports a wide range temperature design of -40° ~ 75° C. It supports wall mounting installation, which fully meets the application requirements in various environments. The wide temperature design allows the equipment to operate stably in extremely low and extremely high temperatures, making it the best helper for enterprises.

Long Distance Application

CERIO Wide Temperature PoE Injector can provide both data and power for distances of up to 100 meters (328 feet) from the power source when using CAT 6 or up cabling.

ESD Protection

The POE-DX60T supports ESD, Electro Static Discharge protection includes Over Voltage protection and Short Circuit Protection ensuring device safety.

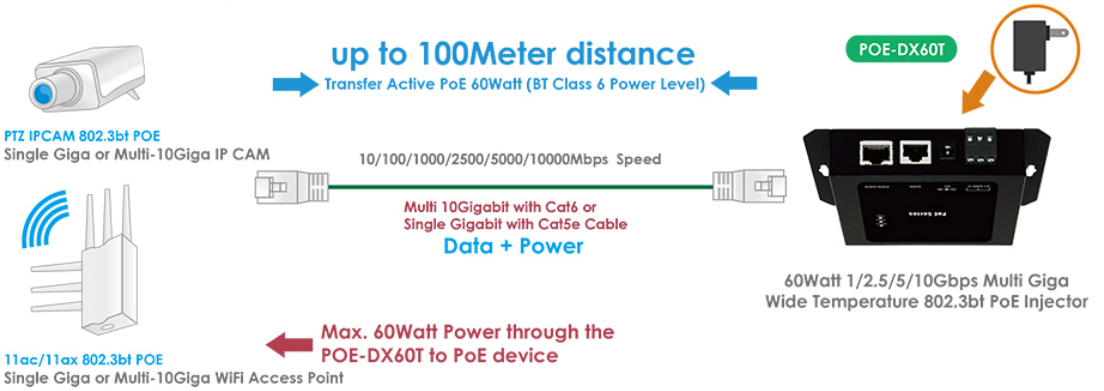
Easy installation

Plug-and-Play, requires no configuration.

Product Application

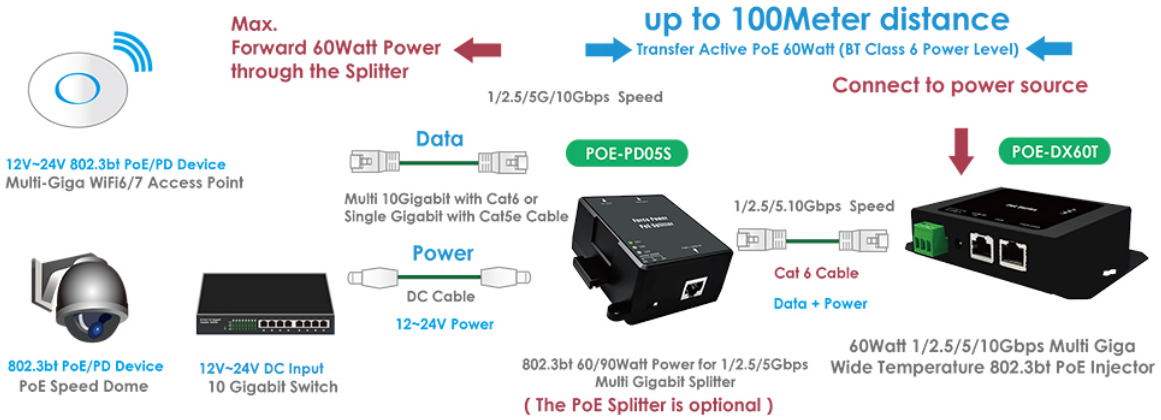
Apps1：BT PoE (PD) Devices

With POE for 1/2.5/5/10Gbps Multi Gigabit PTZ IP CAM/AP Devices



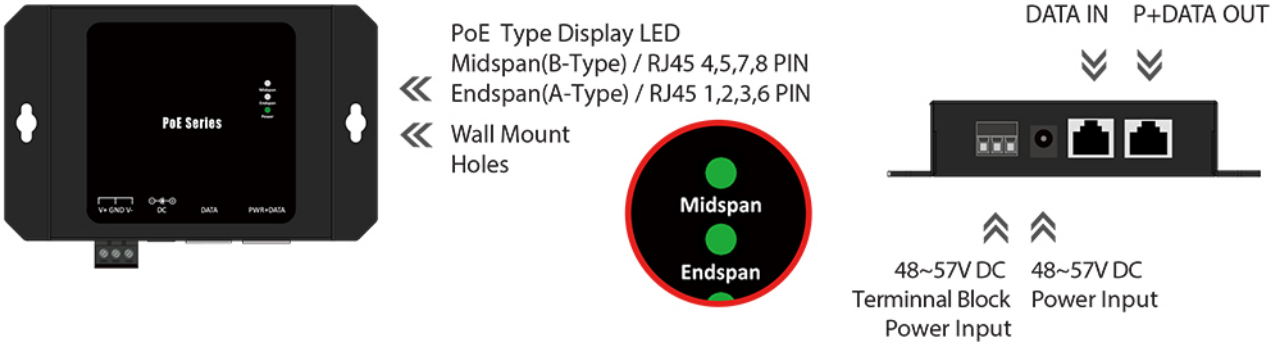
Apps2：None PoE (BT PD) Devices

None POE for 1/2.5/5/10Gbps Multi Gigabit PTZ IP CAM/AP Device



* The Multi Gigabit splitter allows a non compliant device to upgrade to PoE ,It is used to deploy remote non-PoE devices with no nearby AC outlets.

Hardware Overview



DATA SHEET
POE ADAPTER SERIES

CERIO
Amplify your Wireless Network

Standards & Hardware Specifications

Standard
IEEE 802.3 10BASE-T
IEEE 802.3u 100BASE-TX
IEEE 802.3ab 1000BASE-T
IEEE 802.3bz 2.5G/5G BASE-T
IEEE 802.3an 10GBASE-T
IEEE 802.3af Power over Ethernet (PoE)
IEEE 802.3at Power over Ethernet (PoE+)
IEEE 802.3bt Power over Ethernet (PoE++)
Network Media
10BASE –T: UTP Cat. 3 or up
100BASE-TX : UTP Cat. 5 or up
1000BASE-T: UTP Cat. 5 or up
2.5G/5G BASE-T : UTP Cat.5e or up
10GBASE-T : UTP Cat.6a or up
Data Transfer Rate
10M/100M/1G/2.5G/5G/10G (Half-duplex),
20M/200M/2G/5G/10G/20G (Full-duplex)
PoE Type
Active POE
Data PIN
PIN 1/2,3/6 & 4/5,7/8
Power PIN
End-span (Type-A): PIN 1/2,3/6
Mid-span (Type-B): PIN 4/5,7/8)
Ethernet Connector
RJ-45 x1 : Data
RJ-45 x1 : Power + Data
Power Interface
Output: RJ45 Active 802.3bt/at/af PoE Out
Multi Input: DC In or Screw Terminal Block In (STB In)
ESD Protection
Supports ESD (Electro Static Discharge)
Over Voltage protection and Short Circuit Protection

Environmental & Mechanical Characteristics

Max Power Output	
60Watt	
Power Requirement	
56V 60Watt External Power Adapter	
Input Voltage	
48 ~ 57Volt	
LED	
System: Power (Green)	x1
PoE: End-span (Green) , Mid-span (Green)	x2
Operating Temperature	
-40° to 75° C	
Storage Temperature	
-40° to 85° C	
Operating Humidity	
5% to 90% non-condensing	
Storage Humidity	
5% to 90% non-condensing	
Dimension (W x D x H)	
130 x 82 x 27mm	
Weight (g)	
233g	
Form Factor	
Desktop/Wall mounting installation	
Case of material	
Metal	
Production Location	
TW	
Certifications	
FCC ,CE, RoHs compatible	

Package Contents

Contents	
POE-DX60T Main Unit	x1
60Watt Power Adapter	x1
Warranty Card	x1