LTS

Video Solutions for Security Professionals™

1CH POE INJECTOR AF/AT
POE-I100GT
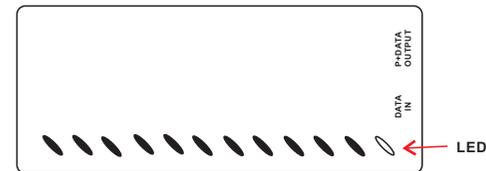
User's manual

Introduction

The PoE Injector is a single port POE injector offer a compact and cost effective, It can convert standard 100~240V/AC power into lowvoltage.DC that runs over existing LAN cable to power up IEEE 802.3af/at.compliant network accessories. Remote powering of wireless LAN (WAN) access points, IP Security cameras, VoIP telephone and other low port density installations.

The POE Mid-spans no need to connect with external power supply and its associated AC/DC power cabling,providing a compact ,afforadble,safe and reliable power solution over existing Ethernet infrastructure.

Features

● Up to 30W of Power on 2-pairs
● Supports 10/100/1000 Base-T applications
● LED indicators power input and PoE output
● Internal AC/DC converter no need for external power brick
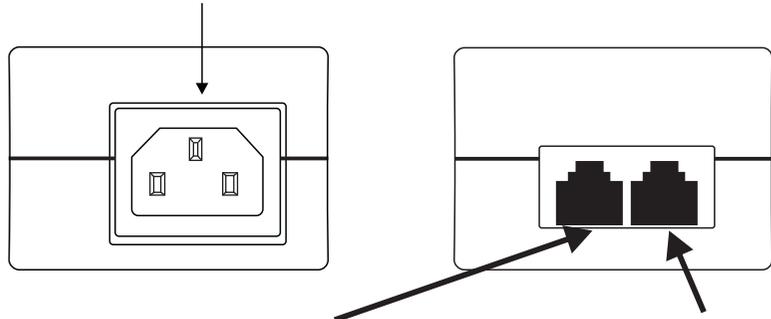● Easy plug-and-play installation
● Muti-protection

Hardware Description

LED

a steady green light indicates that the PoE injector got 100-240V power input

a steady red light indicate the terminal equipment under the P+DATA port is powered
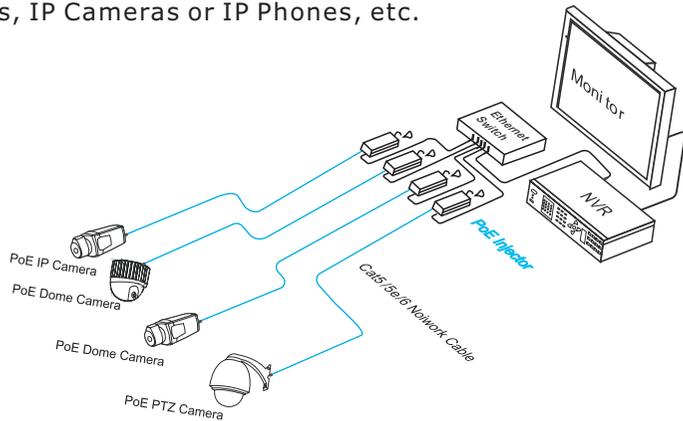
AC socket, connect with AC cable .

DATA IN:
Connect to the Ethernet device with CAT5 UTP cable to transmit data.

PoE OUT:
Connect to the camera with UTP cable to supply power

Application

Use PoE Injector with PD to expand your network to where there are no power lines or outlets, where you wish to fix devices such as APs, IP Cameras or IP Phones, etc.

Monitor

Ethernet Switch

NVR

PoE Injector

PoE IP Camera

PoE Dome Camera

PoE Dome Camera

PoE PTZ Camera

Cat5/5e/6 Network Cable

Steps:
1.Use a CAT5 UTP cable to connect port of Ethernet device to the DATA IN port,
2. Connect AC cable with Injector and Socket
3.Connect the PoE OUT port to a PD with CAT5 UTP cable.

Specifications

Item	Description
No. of channels	1
Pass Through Data Rates	10/100/1000Mbps
Power over Ethernet Output	Pin Assignment and Polarity:
	1/2 (-), 3/6 (+)
	Output Power Voltage: 54VDC
	User Port Power: 30W max
Input Power Requirements	AC Input Voltage: 100 to 240 VAC
	AC Input Current: 0.5A 100-240 VAC
	AC Frequency: 50 to 60 Hz
Dimensions	121mm x 50mm x 36mm
Indicators	System Indicator: AC Power
	User Indicator: Channel Power
Connectors	Shielded RJ-45, EIA 568A and 568B
Protection	Over current protection
	Over load protection
	Over voltage protection
	Anti-interference protection
Environmental Conditions	Operating Ambient Temperature: -40 to 40℃
	Operating Humidity:
	Maximum 90%, Non-condensing
	Storage Temperature:-40 to 60℃
	Storage Humidity:
	Maximum 90%, Non-condensing