

512.5 mm

102.5 mm

143.5 mm

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### Applicable Models

This manual is applicable to Model DS-3E0502P-E.

### Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
Note	Provides additional information to emphasize or supplement important points of the main text.
Caution	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
Danger	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

### Safety Warnings

- The power socket must be near the device and easily accessible.
- This is a Class A product. When used in a residential environment it may cause radio interference. In this case, the user will be required to take adequate measures.
- Use the power cord (if any) provided.
- Make sure the input voltage is within the range specified on the device.
- Keep the device in a well-ventilated area when in use, and leave about 30 cm of heat dissipation space at all sides.
- Do not disassemble the device.
- Avoid introducing strong electricity or lightning into the device.
- Keep the device away from heat, moisture, vibrations, and dust to avoid short circuits and failures.

The device can be safely used only in areas at an altitude of 2000 meters and below.

The device can be safely used only in a non-tropical climate.

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Initial release.

## 1. Appearance



Figure 1-1 DS-3E0502P-E

Indicator/Port	Status	Description
PSE	Solid green	The PoE injector is delivering power to a powered device.
PWR	Solid green	The PoE injector is powered on.
DATA&PWR OUT	—	Power and data output port. Connect a powered device (IEEE 802.3af or IEEE 802.3at compliant) to this port with a CAT5e Ethernet cable or above.
DATA IN	—	Data input port. Connect an upstream switch to this port with a CAT5e Ethernet cable or above.

## 2. Typical Network Topology

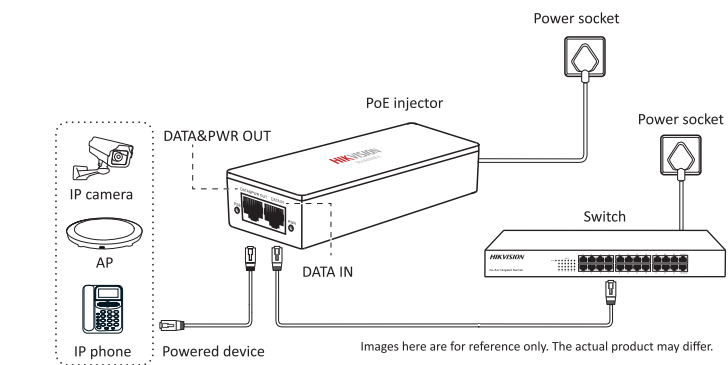


Figure 2-1 Connect DS-3E0502P-E

### Note

The PoE injector only connects Ethernet devices.

## Technical Specifications

Parameter	Description
Ports	1 10/100/1000 Mbps RJ45 LAN port (DATA IN) 1 10/100/1000 Mbps RJ45 LAN/PoE port (DATA&PWR OUT)
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at
PoE power	Max output per port: 30W PoE pinout: Alternative mode B (Pins 4-5 +, 7-8 -)
Output voltage	51V DC, 0.8A
Input voltage	100-240V AC at 50-60 Hz
Operating environment	Temperature: 0°C-40°C (32°F-104°F) Humidity: (10%-90%) RH, non-condensing
Storage environment	Temperature: -40°C-70°C (-40°F-158°F) Humidity: (5%-90%) RH, non-condensing
Dimensions (L×W×H)	132.3×60×33 mm

## FAQ

### Q1. The PWR indicator is off. What should I do?

A1. Make sure that the power cord is connected to the PoE injector properly.

### Q2. The PSE indicator is off. What should I do?

A2. Verify that the powered device is compatible with IEEE 802.3af or IEEE 802.3at.



DS-3E0502P-E

Quick Start Guide