PoE Injector
High-PoE
Power Source Injector, 10/100/1000 Mbps LAN

Operation Manual

DA-PI PoE75U

Powered by Direct IP

Before Using the Product

FCC Compliance Statement

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received,

including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

User's Caution Statement

Caution: Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

Product Overview

DA-PI PoE75U is a single port PoE Power Source (PSE) injector that supplies 56V DC power to a remote network camera via a UTP Ethernet cable. It offers outstanding reliability with low power consumption and long life span. It is capable of transmitting maximum of 75W of output for up to 100 meters.

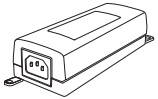
DA-PI PoE75U is IEEE802.3af and IEEE 802.3at-compliant. It is also equipped with a circuitry for preventing damages to the device when non-standard or low-voltage PoE devices are connected to ensure safe operations.

Product Features

- Up to 75W of PoE Power
- Compatible with IEEE 802.3af/at
- Protects low power devices to receive only the power they need
- Automatic detection and protection of non–standard Ethernet terminals
- Supports 10/100/1000 Base-T LAN environment
- Parallel slide-in design to ease the installation

Accessories

The product consists of the following components.



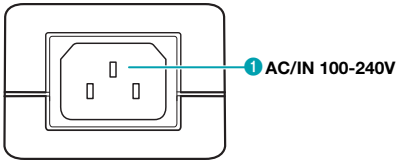
Main Unit (DA-PI PoE75U)

AC power cable
(conventional 220V)

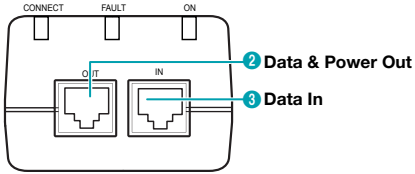
Operation Manual

Overview

Front



Back



1	**AC/IN 100-240V**	Insert the AC power cable to the main unit to turn the device On.
2	**Data Power Out**	Sends power and data received via Data In port over UTP cable.
3	**Data In**	Receives data input via UTP cable.

Installation

1 Connect the AC power cable to DA-PI PoE75U.

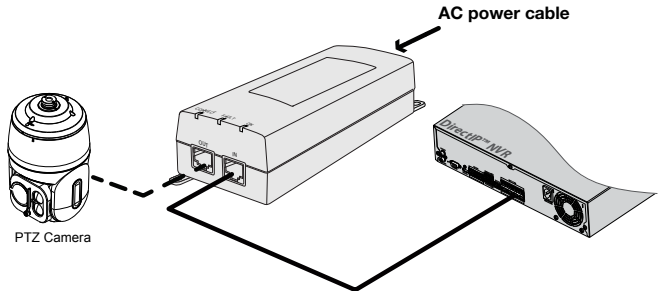
Make sure that the power LED (Green LED at the top) is lit.

2 Connect the **Video In port of DirectIP™ NVR** and **Data In port of DA-PI PoE75U** using a UTP cable.

3 Connect the **DATA & POWER OUT port of DA-PI PoE75U** and **network port of DirectIP camera** using a UTP cable.

4 Make sure that the camera is connected to power source and camera is connected to the NVR.

Installation Layout



Types of Cables	
	UTP cable (Data + Power)
	UTP Cable (Data only)
	AC Power

Specifications

Model	DA-PI PoE75U
Power Input Port	1
Transfer Speed	10/100/1000 Mbps
Power Pin Allocation	OUTPUT #1(OUT) 3/6 (+), 1/2 (–) OUTPUT #2(OUT) 4/5 (+), 7/8 (–)
Power Output	56 V DC, 75W Max
Power Input	100 ~ 240 V~, 50/60Hz, 2.0A
Dimensions (W)X(D)X(H)	80 X 166 X 44 (mm)
Weight	500g
LED Indicators	Power Input (Green LED) Fault Check (Red LED) PoE Power Output (Green LED)
Connector	RJ-45
Operating Temperature	-20°C ~ +40°C (-4℉ ~ 104℉)
Approval	FCC, CE, UL

IDIS Co., Ltd.
For more information, please visit at
www.idisglobal.com