



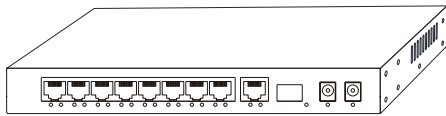
Quick Start Guide

FLX-1008

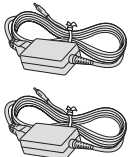
Please carefully read the instruction manual before use.
Depending on the model, the image and the actual look of the product may vary.
* Please visit our website www.intercoax.com to download Manual.

[Rev.1.1]

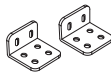
Package



FLX-1008



Adapter



Bracket



Quick Start Guide

Features

- PoE Ethernet Switch
 - Downlink: 8 x RJ45 (PoE+)
 - Uplink: 1 x RJ45, 1 x SFP
- Transmission Method
 - Downlink: Automatically detect standard Ethernet and Long Reach Protocol (FLEXIA)
 - Uplink: Standard Ethernet and Standard SFP Module
- Transmission Speed
 - Downlink: 10/100Mbps Auto negotiation
 - Uplink: 100/1000Mbps Auto negotiation
- Transmission distance
 - Downlink: Max.100m for standard Ethernet, and Max.500m at 100Mbps and Max.1Km at 10Mbps for Long Reach Protocol.
 - Uplink: Max.100m for standard Ethernet; standard SFP Module follows the Module specification.
- Downlink 8-Port PoE Power
 - Max.30W/Port; overall PoE Power 136W
 - Secure PoE power transmission guaranteed with Standard PSE (Power Sourcing Equipment) application
- 1 or 2 Power adapters (57V/1.2A), DC 48V ~ 57V power also possible
 - Downlink 8-port PoE total capacity depends on the power adapter
- Action Status LED supported
- Ultra-Small Design
- 19" Rack Mount (Exclusive Rack Mounted Bracket Sold Separately)

Overview

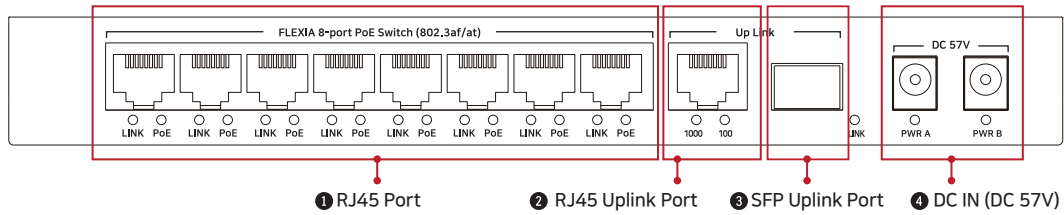
The FLX-1008 is a receiver for the FLEXIA camera line. It is Intercoax's new short and long range Ethernet Switching Hub, with 8 RJ45 ports supporting PoE+ (IEEE802.3at) as downlink and 2 ports supporting RJ45 and SFP as uplinks. The downlink transmits at 10/100Mbps and automatically detects standard Ethernet as well as Long Reach Protocol. The uplink transmits at 100/1000 Mbps and supports both standard Ethernet and standard SFP Module. Maximum transmission distance is 1km when connected to FLEXIA cameras supporting Long Reach Protocol, and 100m with standard Ethernet. Two power supplies are included for redundancy and power sharing (30W per port)

- When using 2 power supplies, PoE supports about 136W for all ports and max.30W per port (Ex: If 1 ~ 4 ports are used, 30W/port; if all 8 ports are used, 17W/port)
- When using 1 power supply, overall PoE is about 68W, and max.30W per port (Ex: If 1 ~ 2 ports are used, 30W/port; if all 8 ports are used, 8.5W/port)

Specification

Model		FLX-1008: 8Port Flexia PoE Switch
Interface	Downlink	8 x RJ-45: FLEXIA with Auto-negotiation - 10/100 Base-T - 10/100 Long Reach Protocol
	Uplink	1 x RJ-45 - 100/1000 Base-T with Auto-detect MDIX 1 x SFP - 100Base-FX/1000Base-X Module with serdes type
Transmission Rate		Downlink: Max. 100Mbps/Port. Uplink: Max. 1000Mbps
Transmission distance	Downlink	Up to 100m (10/100 Base-T) Up to 500m (100 Long Reach Protocol) Up to 1km(10 Long Reach Protocol)
	Uplink	Up to 100m(100/1000 Base-T) According to SFP Module
LED Indication	Downlink	8 x RJ45 Data Link (Green) 8 x PoE Output (Orange)
	Uplink	1 x RJ-45 Data Link (Green) 1 x SFP Data Link (Green)
	PWR Input	2 x Power Input (Orange)
Power Input		2 x Power input [DC-Jack] DC48V-57V
Power Output	PoE	IEEE802.3af(PoE), IEEE802.3at (PoE+)
	Dimension	225(L) x 105(W) x 29(H) mm
Mechanical	Weight	700g
	Operating Temp.	-10 ~ 60 °C
	Storage Temp.	- 30 ~ 80 °C
Environment	Relative Humidity	10% ~ 90%
Compliance	Certification	FCC, CE, KC
	Surge Protection	IEC 61000-4-5 4kV (1.2 / 50us), 2kA(8 / 20us)

Hardware Overview



1. FLEXIA 8 Port PoE+ (IEEE802.3at, Max. 30W/Port) Downlink Port

- Automatically detect standard Ethernet and Long Reach Protocol, at 10/100 Mbps.
- PoE LED lights up when the device outputs PoE to the end-device; Link LED lights up and blinks when transmission starts.
- If the PoE LED is off, please use the appropriate product as it is out of the PoE range of use covered by the product.
- If the end-device doesn't support PoE, the power supply is interrupted and the device can be used for data communication only.

2. 100/1000Mbps Ethernet Uplink port

- Connection speed of the Uplink port is displayed as Link LED 100 or 1000 and blinks.

3. 100/1000Mbps SFP Uplink port

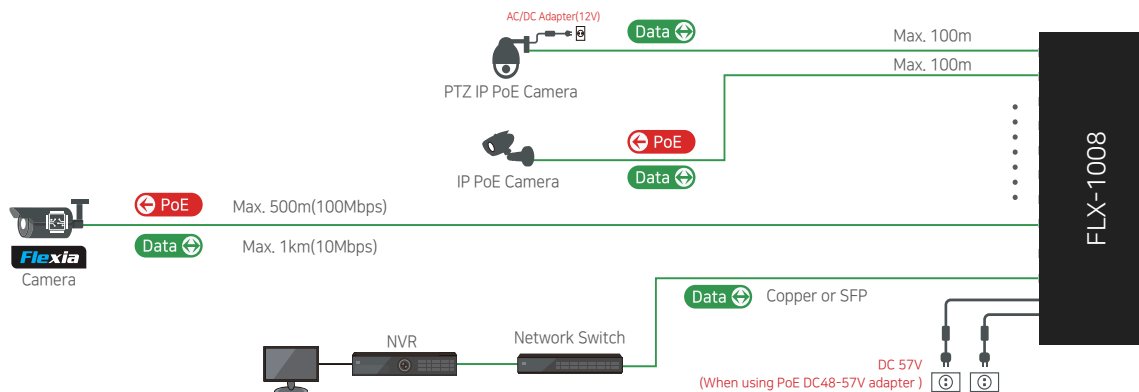
- When the transmission starts, the Link LED lights up and blinks.

4. DC Input Port (Max. 57VDC Input)

- 2 power supplies are applicable for installing the FLX-1008. (Using the same model for both power supplies is recommended)
- When power is supplied properly to the power input terminals, the power LED lights up for each terminal.

➔ It is recommended to use the adapters provided with the product when using two power sources simultaneously. We recommend using adapters of the same model. If there is a large difference in output voltage between the adapters (over 0.4 V), only the high side power input is used, which can cause product failure.

Applications



Caution

- Please install the device following the installation guide.
- Do not touch the device and cable with wet hands.
- Keep away from moisture and shock.
- Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus that produce heat.
- Indoor use only.
- Do not use for other purposes.
- Do not disassemble or modify this device.
- Do not put any sticker or paint on it.
- If this device is defective or malfunctioning, please unplug the power adapter immediately and contact dealer or service center.
- Only use the rated power adapter suitable for this product.

➔ Connect DC power to the device first and then to AC outlet.

Warranty

- This device has passed the quality control and product inspection.
- Please install and use according to the installation guide.
- The warranty period for this product is 24 months from the date of purchase.
- If this device is defective or malfunctioning, please unplug the power adapter immediately and contact dealer or service center.
- Any damages or breakage from user's abuse, accident, modification or natural disasters will not be covered manufacturer's warranty.



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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