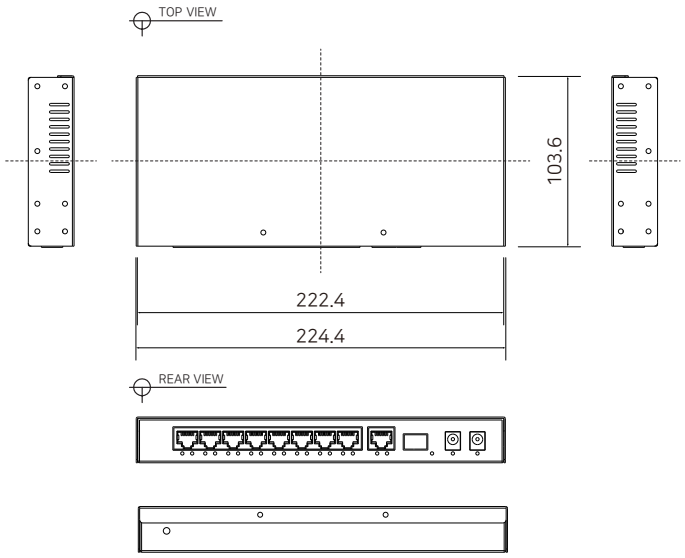
FLX-1008

▶ 8 Port PoE Switch for FLEXIA camera

Dimension



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)

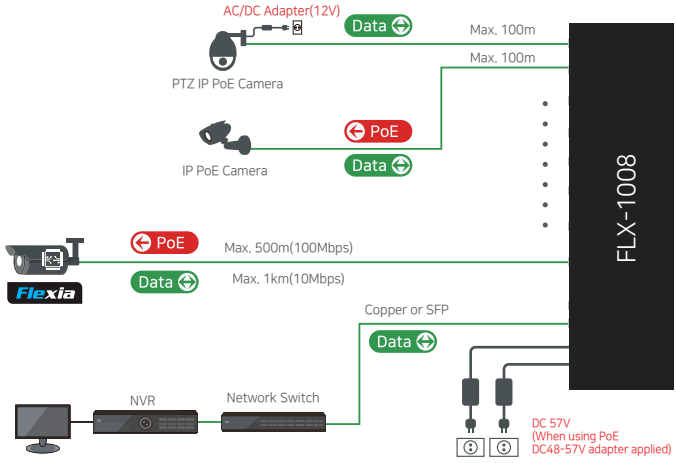
Features

- 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)

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)

Connection Diagram



▶ Transmission distance may vary depending on the type and quality of cable.