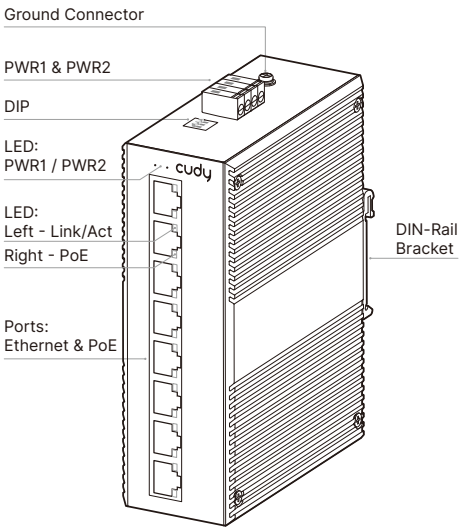
1 Overview



Note: Here we take IG1008P for demonstration.

Ground Connector:

The switch must be properly grounded for optimum system performance.

PWR1 & PWR2:

4-pin terminal blocks for two independent DC power supply systems, supporting non-polarity and anti-reverse connection.

How to connect power supply:

1. Insert the positive wires into 1+/2+ and negative wires into 1-/2- contacts on the terminal block respectively.
2. Tighten the wire-clamp screws to prevent the wires from loosening.

Note: The DC power should be connected to a well-fused power supply.

DIP

BSP: Off by default. Switch ON to enable Broadcast Storm Protection.

EXTEND: Off by default. Switch ON to enable Port 1-4 to achieve a maximum transmission distance of 250 meters, with capped at 10 Mbps.

VLAN: Off by default. Switch ON to have the downlink ports (Port 1-4 on IF1005P/IG1005P, or Port 1-7 on IF1008P/IG1008P) isolated from each other, and only transmit data with the uplink port (Port 5 on IF1005P/IG1005P, or Port 8 on IF1008P/IG1008P).

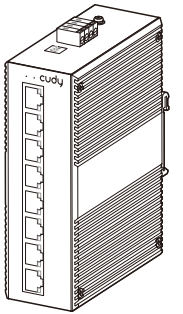
Watchdog: Off by default. Switch ON to enable PoE watchdog function.

DIN-Rail Bracket

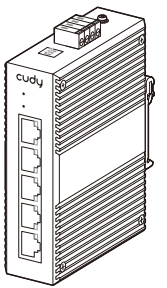
To install the switch onto a DIN-Rail.

Ports:

- On IF1008P/IG1008P, Port 1-8 are Ethernet and PoE ports. On IF1005P/IG1005P, Port 1-5 are Ethernet ports while 1-4 are PoE ports.
- Connect Ethernet devices to Ethernet ports with STP(Shielded Twisted Pair) Ethernet cables for data transmission.
- Connect PD devices to PoE ports with PoE cables for power supply.



IF1008P/IG1008P



IF1005P/IG1005P

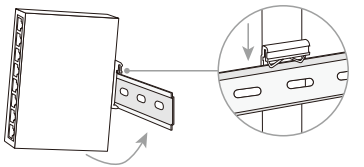
LED Indicators

PWR1/PWR2		PoE (Right LED)	
On		On	Supplying Power
Off		Off	Not supplying power

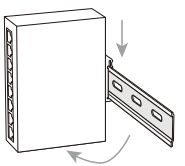
Link/Act (Left LED)			
Flashing	Transmitting Data		
On	IG1005P/IG1008P	Green LED	1000Mbps
		Yellow LED	10/100Mbps
	IF1005P/IF1008P	Green LED	10/100Mbps

2 Installation

1. Hook the unit over the DIN-rail.
2. Push the bottom of the unit towards the DIN-rail until the bracket snaps into place.



Mounting the unit



Releasing the unit

Note: To un-install the unit, pull it downwards and then outwards to get it off the DIN-rail.

CE Mark Warning
This is a Class A product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

EU Declaration of Conformity
Cudy hereby declares that the device is in compliance with the essential requirements and other relevant provisions of Directive 2014/30/EU, 2014/35/EU, 2011/65/EU, (EU)2015/863 and (EU) 2019/1782.
The original EU Declaration of Conformity can be found at http://www.cudy.com/ce.

RoHS Made in China

Specification

Model		IF1005P	IF1008P	IG1005P	IG1008P
Standard		IEEE 802.3, 802.3i, 802.3u, 802.3x IEEE 802.3af, IEEE 802.3at		IEEE 802.3, 802.3i, 802.3u, 802.3x IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at	
Power Supply	DC Input Voltage	48 VDC (44~ 57 VDC)			
	Input Current	2.54A Max	5.06A Max	2.54A Max	5.10A Max
	Anti-Reverse Protection	YES			
	Terminal Blocks	4 pins			
Switch Capability	Store-and-Forward	YES			
	MAC Address Table	2K	2K	2K	4K
	Packet Buffer	768K bits	768K bits	2M bits	1.5M bits
PoE Output	PoE Ports	Port 1-4	Port 1-8	Port 1-4	Port 1-8
	Standard	IEEE 802.3af/at			
	Max Power for each port	30W			
	Max Power in total	120W	240W	120W	240W
Structure	IP Protection	IP40			
	Dimension(mm)	118×86×33.5	144×103×47.5	118×86×33.5	144×103×47.5
	Installation	DIN-Rail			
Environment	Working Temperature	-40°C~75°C			
	Storage Temperature	-40°C~85°C			
	Operating Humidity	5%RH~95%RH, non-condensing			
	Storage Humidity	5%RH~95%RH, Non-condensing			

cudy

Quick Installation Guide

Industrial PoE+ Switch

Model: IG1008P | IG1005P | IF1008P | IF1005P

NEED TECH HELP?

www.cudy.com
support@cudy.com

810600540