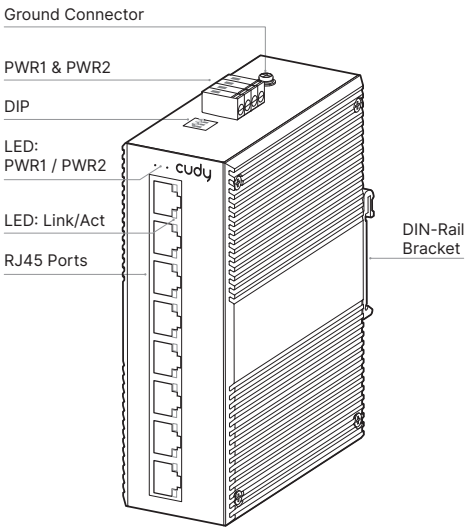
❶ Overview



Note: Here we take IG1008 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.

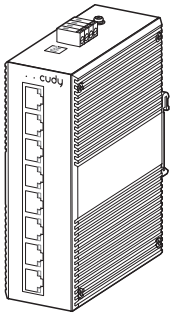
VLAN: Off by default. Switch ON to have the downlink ports (Port 1-4 on IF1005/IG1005, or Port 1-7 on IF1008/IG1008) isolated from each other, and only transmit data with the uplink port (Port 5 on IF1005/IG1005, or Port 8 on IF1008/IG1008).

DIN-Rail Bracket

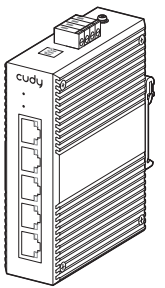
To install the switch onto a DIN-Rail.

RJ45 Ports (1-5 or 1-8):

- 10/100Mbps for IF1005/IF1008; 10/100/1000Mbps for IG1005/IG1008.
- To connect to a PC with a straight-through or a cross-over Ethernet cable.
- To connect to Ethernet devices with UTP(Unshielded Twisted Pair) or STP(Shielded Twisted Pair) Ethernet cables.



IF1008/IG1008



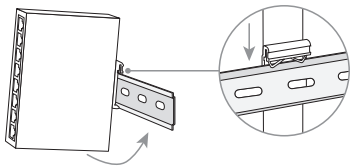
IF1005/IG1005

LED Indicators

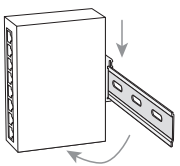
PWR1/PWR2			
On	⏻		
Off	⏻		
Link/Act (1-5 / 1-8)			
On	🌐		
Flashing	IG1005/IG1008	Green LED	1000Mbps
		Yellow LED	10/100Mbps
	IF1005/IF1008	Green LED	10/100Mbps

❷ 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 and (EU)2015/863.
The original EU Declaration of Conformity can be found at http://www.cudy.com/ce.

Specification

Model		IF1005	IF1008	IG1005	IG1008
Standard		IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x		IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab	
Power Supply	DC Input Voltage	12/24/48 VDC (9.6~ 60 VDC)			
	Input Current	0.09A Max	0.12A Max	0.15A Max	0.37A Max
	Anti-Reverse Protection	YES			
	Anti-Reverse Connection	YES			
	Terminal Blocks	4 pins			
Switch Capability	Store-and-Forward	YES			
	MAC Address Table	2K	2K	8K	8K
	Packet Buffer	768K bits	768K bits	1M bits	4M bits
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			

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Quick Installation Guide

Industrial Switch

Model: IF1005 | IF1008 | IG1005 | IG1008

NEED TECH HELP?

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