



cudy IG1005 Industrial Switch Installation Guide

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Regulatory Statements

Federal Communication Commission Interference Statement

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 instruction manual, 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.

Non-modification Statement

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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

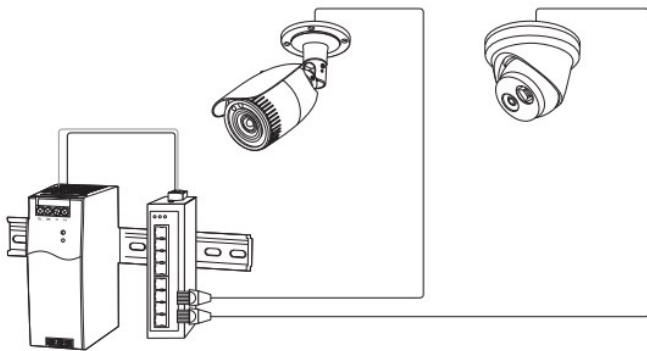
Cudy hereby declares that this device is in compliance with the essential requirements and other relevant provisions of directives 2014/30/EU, 2014/35/EU, 2009/125/EC and 2011/65/EU. The original EU declaration of conformity may be found at <http://www.cudy.com/ce>.

Safety Instructions

The following general safety guidelines are provided to help ensure your own personal safety and protect your product from potential damage. Remember to consult the product user instructions for more details. Static electricity can be harmful to electronic components. Discharge static electricity from your body (i.e. touching grounded bare metal) before touching the product. Do not attempt to service the product and never disassemble the product. For some products with user replaceable battery, please read and follow the instructions in the user manual. Do not spill food or liquid on your product and never push any objects into the openings of your product. Do not use this product near water, areas with high humidity or condensation unless the product is specifically rated for outdoor application. Keep the product away from radiators and other heat sources. Always unplug the product from mains power before cleaning and use a dry lint free cloth only.

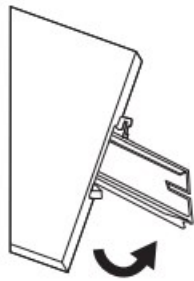
Quick Reference

Note: The switch model and power supply may be different from the one shown in the example below. The power supply sold separately.

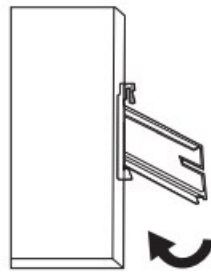


Hardware Installation

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



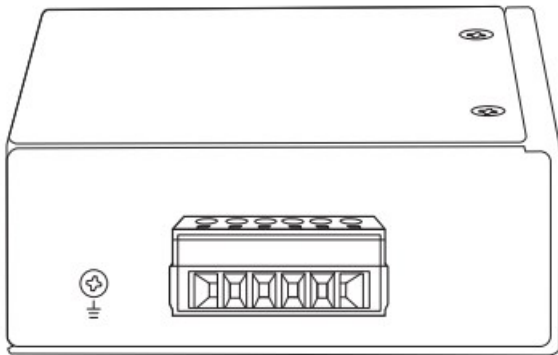
Mounting the unit



Releasing the unit

Ground Connecting

The switch must be properly grounded for optimum system performance.



Ethernet Interface Connecting (RJ45 Ethernet)

Connecting the Ethernet interface via RJ45:

- To connect to a PC, use a straight-through or a cross-over Ethernet cable.
- To connect the switch to an Ethernet device, use UTP (Unshielded Twisted Pair) or STP (Shielded Twisted Pair) Ethernet cables.

The pin assignment of RJ-45 connector is shown in the following figure and table.

Pin	1	2	3	6	4,5,7,8
MDI signal	TX+	TX	TX+	TX	–
MDI-X signal	RX+	RX	RX+	RX	–

Power Connecting

The switch can be powered from two power supply (input range 12V – 57V for industrial switch or 48 57V for PoE industrial switch). Insert the positive and negative wires (AWG 14-26) into V+ and V- contact on the terminal block and tighten the wire-clamp screws to prevent the wires from being loosened.



NOTE:


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

2. Input power should be within the range of 50~57VDC for PoE+ compliant, or 48~57VDC for PoE compliant.

LED Indicator

LED	Status	Definition
Power	Red LED on	Power supplying in normal
	Red LED off	Power supply abnormal or no powering
RJ45 indicator	Yellow LED on	Network connection in normal
	Yellow LED flashing	Link communication in normal
	Green LED on	PoE feeding in normal
	Yellow/Green LED off	No connection at port
	Green LED on	Optical network Connection in normal
LINK/ACT	Green LED flashing	Link connection in normal

Documents / Resources

	cudy IG1005 Industrial Switch [pdf] Installation Guide IG1005 Industrial Switch, IG1005, Industrial Switch, Switch
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References

- [C Cudy Official Website](#)
- [C Cudy CE](#)