

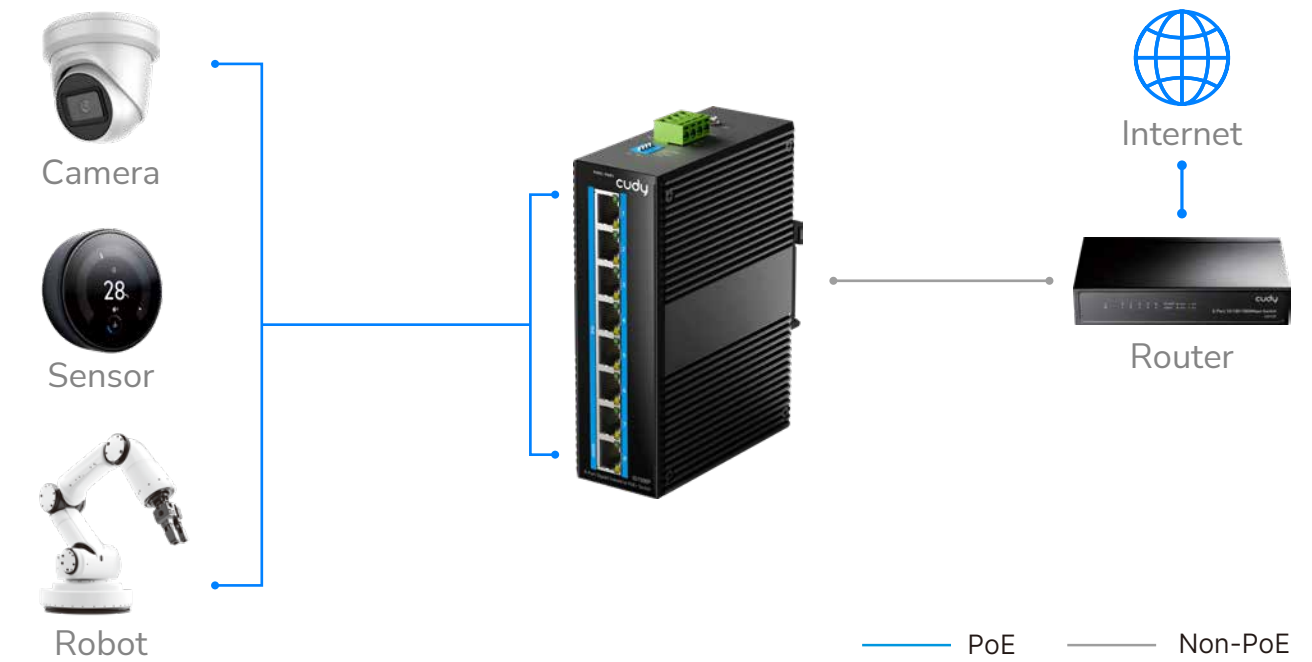
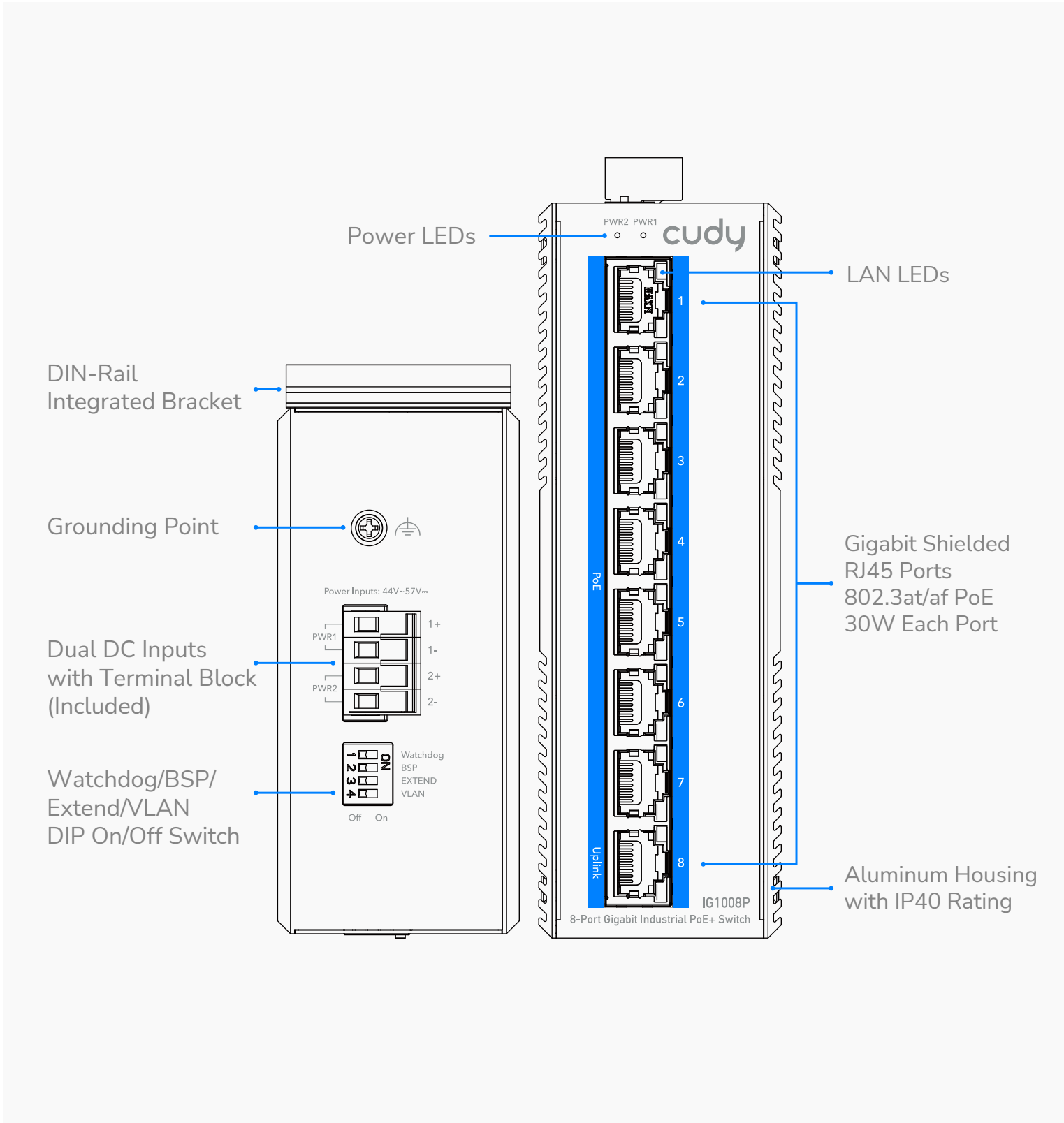
Model: IG1008P

8-Port Gigabit Industrial PoE+ Switch

-  **44~57V** Dual DC Redundancy
-  **Industrial-Grade** EMC and Casing Design
-  **-40~75 °C** Ambient Temperature

[Datasheet](#)





Built for Tough Environments



Transportation



Retail/Enterprise



Power Grid Management



Manufacturing and Automation



Highlights

A 8-GbE industrial PoE switch for networking in harsh conditions such as manufacturing, transportation, maritime, oil & gas, and mining.

- 8× PoE+ GbE, Shielded, ±6kV Surge Resistant
- IP40, -40~75°C (-40~167°F)
- Dual-Power Redundancy, 44~57V Range
- Polarity Reverse Protection
- Short Circuit Protection
- Broadcast Storm Prevention On/Off
- Extend On/Off, VLAN On/Off
- Integrated DIN-Rail Bracket

Package Content

- IG1008P
- Installation Guide

Specifications

Interfaces	Gigabit RJ45 Ports	8
	Gigabit RJ45 PoE Ports	#1~#8
	Max Power on Each PoE Port	30W
	PoE Port Notes	Complies with IEEE 802.3at/af .
	Extend Mode Ports	#1~#4
	VLAN Mode Ports	#1~#7
	LED	Power 1
		Power 2
		Link/ACT of Each Ethernet Port
		PoE Status of Each PoE Port
	Power Input	Terminal Block 4-PIN
	Physical Buttons	PoE Watchdog On/Off
		VLAN On/Off
		Extend On/Off
	Watchdog Note	Broadcast Storm Prevention On/Off
		PoE Watchdog will attempt to reboot the
plugged-in clients that have been inactive for 5 minutes. Do not turn it on for clients with online auto-upgrade feature.		



Specifications

Performance	Copper Speed and Distance	Cat. 3 or higher cable: 100 meters at 10 Mbps
		Cat. 5 or higher cable: 100 meters at 100 Mbps
		Cat. 5e or higher cable: 100 meters at 1000 Mbps
		Cat. 5e or higher cable: 250 meters at 10 Mbps
	Copper Speed and Distance Note	250-meter transmission is only available on the Extend Mode ports when the Extend Mode is activated.
	MAC Address Table	4096
	Max Switching Capacity	16 Gbps
	Max Forwarding Rate	11.904 Mpps
	Jumbo Frame	9 KB
	Packet Buffer	1.5 Mbit
Power	Power Methods	DC
	Power Redundancy	Dual Inputs
	DC	44-57V
	Max Power Consumption	240W (Excluding PoE: 2.75W)
	Idle Power Consumption	2.2W
	Polarity Reverse Protection	True
	Short Circuit Protection	True

Switching	802.3 Protocols	802.3at PoE
		802.3af PoE
		802.3i 10BASE-T
		802.3u 100BASE-TX
		802.3ab 1000BASE-T
		802.3x Flow Control
Reliability	EMS	IEC/EN 61000-4-2, Level 4 ESD: Contact: 8kV; Air: 15kV
		IEC/EN 61000-4-3, Level 4 RS: 80 MHz to 1 GHz: 10 V/m
		IEC/EN 61000-4-4, Level 4 EFT: Power: 2kV; RJ45: 4kV
		IEC/EN 61000-4-5, Level 4 Surge: Power: DM 2kV, CM 4kV; RJ45: CM 6kV
		IEC/EN 61000-4-6, Level 3 CS: 10V
		IEC/EN 61000-4-8, Level 5 PFMF
		IEC/EN 61000-4-9, Level 5
		IEC/EN 61000-4-10, Level 5
	EMS Note	The levels listed in each EMS field are the highest level defined in the IEC/EN standard.

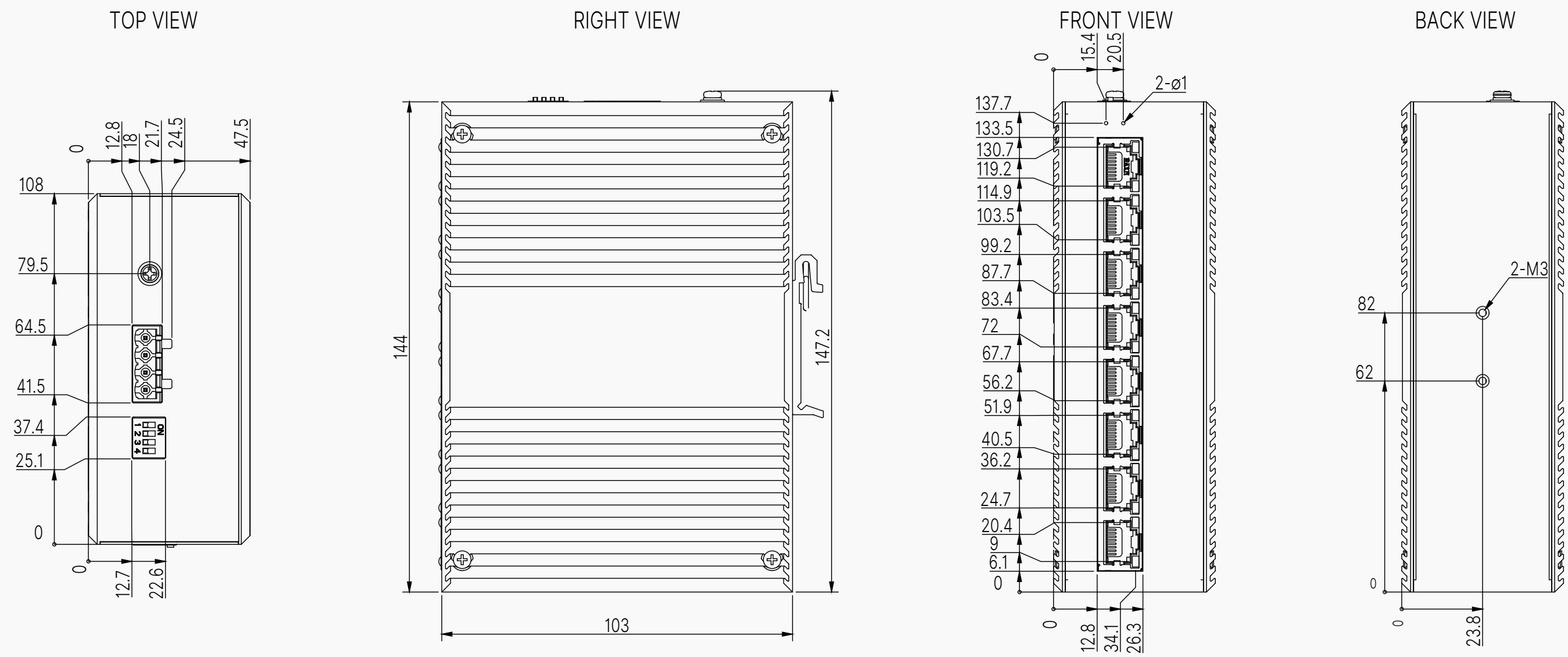


Specifications

Reliability	Grounding Methods	Grounding Point
	Safety	IEC/EN 62368
	EMC	EN55032 Class A
		EN55035 Class A
	EMI	FCC 47 CFR Part 15B Class A
	Shock	IEC 60068-2-27
	Vibration	IEC 60068-2-6
	Free Fall	IEC 60068-2-32
	Environment	Operating Temperature:
		-40 °C ~ 75 °C (-40 °F ~167 °F)
		Storage Temperature:
		-40 °C ~ 85 °C (-40 °F ~ 185 °F)
		Operating Humidity: 5%~95% non-condensing
Storage Humidity: 5% ~ 95% non-condensing		
Mechanical	Dimension	144×103×47.5 mm
		5.67×4.06×1.87 inches
	Product Weight	537.5 g (17.8 oz.)
	Casing Material	Aluminum
	Ingress Protection	IP40
	Installation	DIN-Rail

Ordering Information	Retail Package Dimension	207×154×75 mm
		8.15×6.06×2.95 inches
	Retail Package Weight	702.0 g (24.76 oz.)
	Carton Net Weight	14.0 kg (30.86 lbs)
	Carton Gross Weight	14.9 kg (32.85 lbs)

Spatial Measurements



Spatial Measurements

