




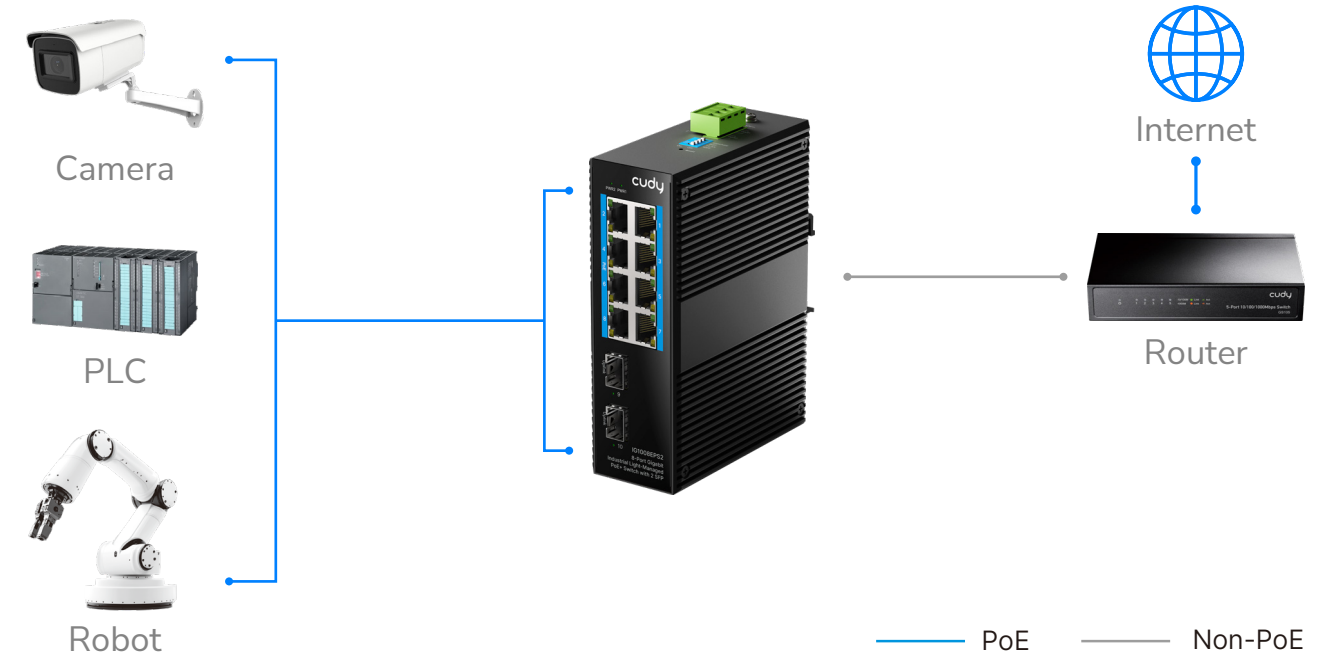
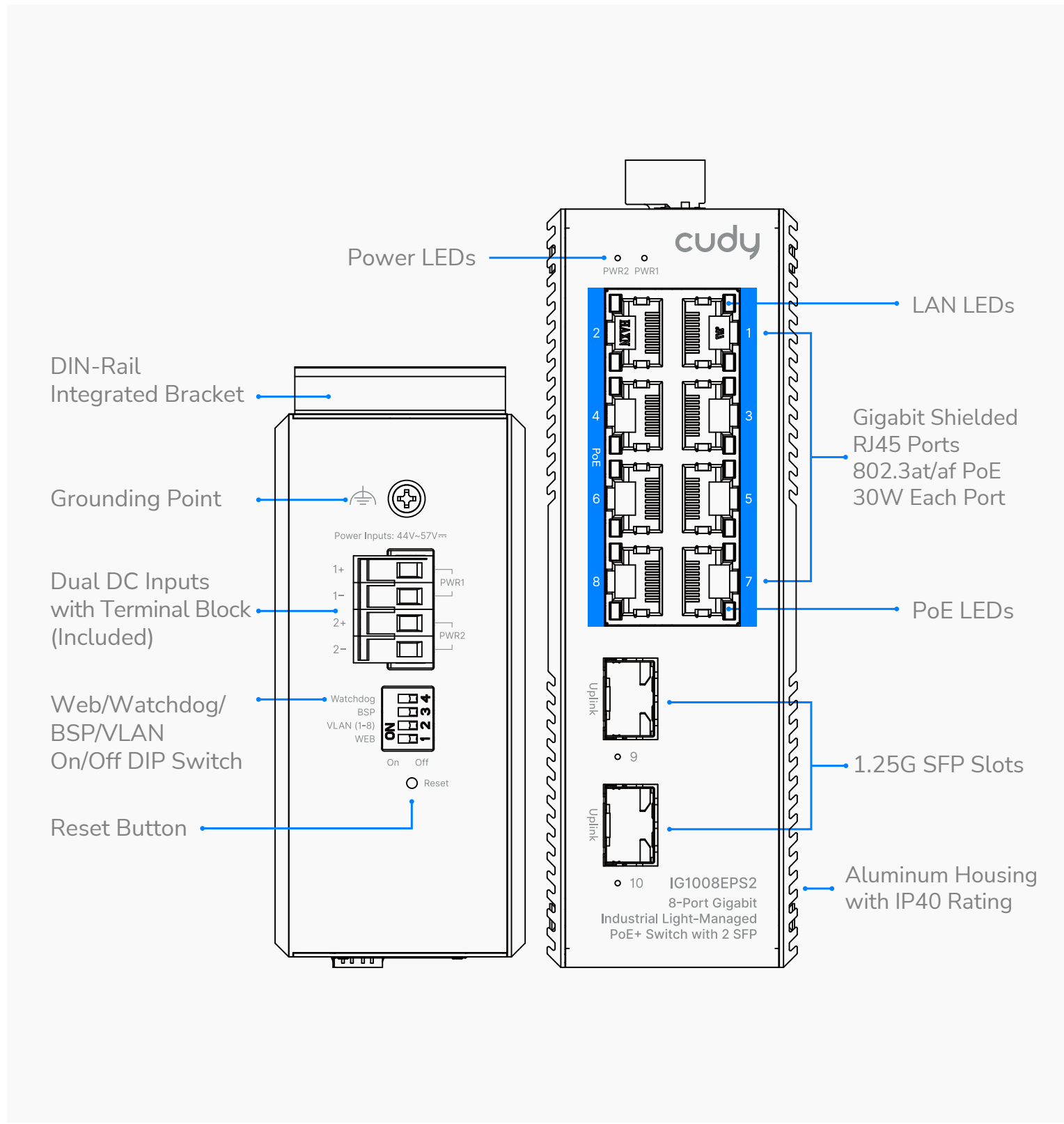
Model: IG1008EPS2

8-Port Gigabit Light-Managed Industrial PoE+ Switch with 2 SFP

-  **Dual-Power Input** 44-57V DC
-  **Industrial-Grade** EMC Design
-  **-40~75 °C** Ambient Temperature

[Datasheet](#)

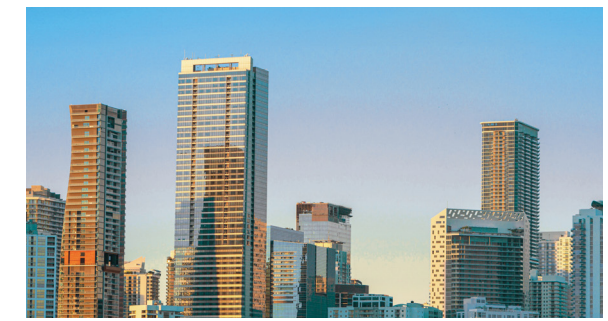




Built for Tough Environments



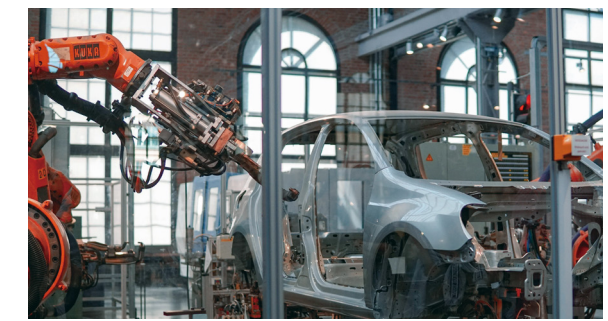
Transportation



Retail/Enterprise



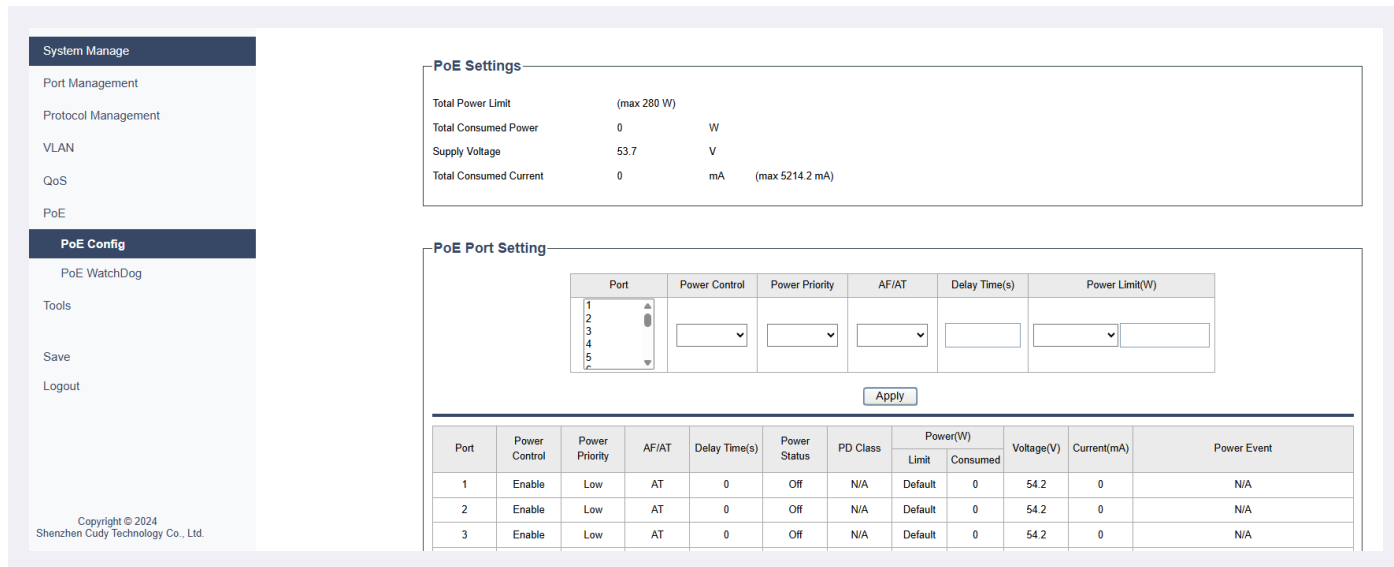
Power Grid Management



Manufacturing and Automation

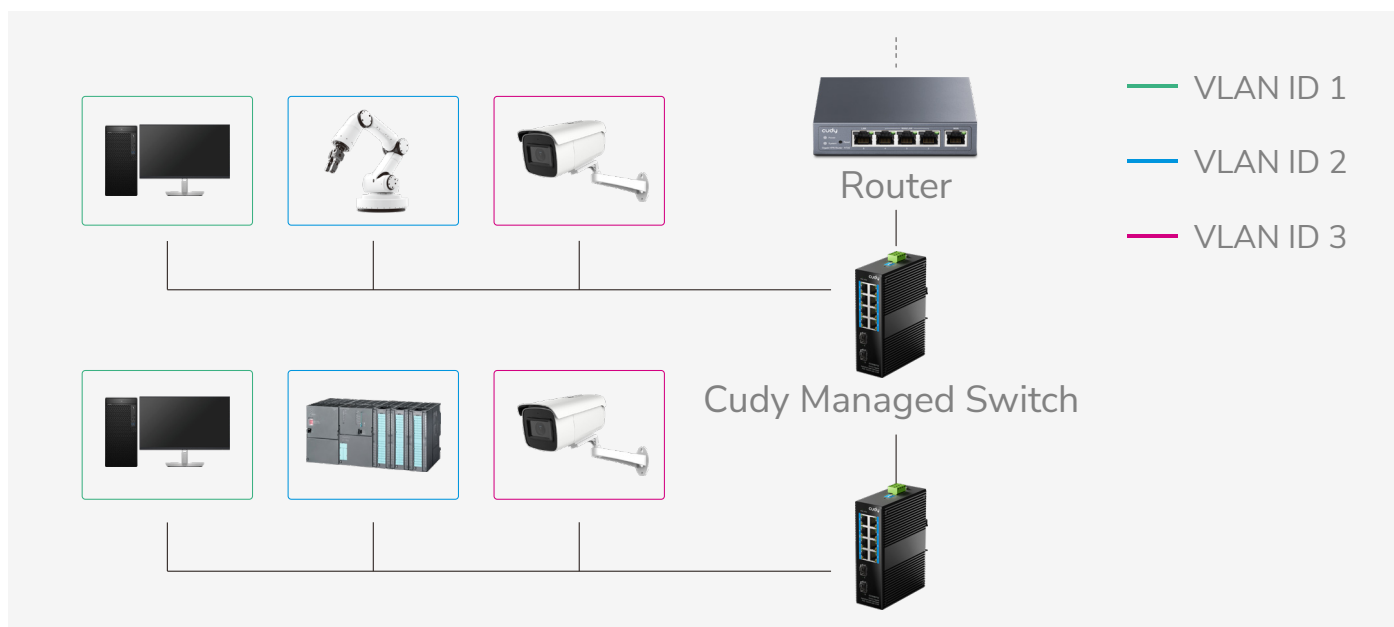


Per-Port PoE Control



Configure PoE priority, set power limit for each port or the whole system, or customize the PoE watchdog (auto recovery) period. The panel gives you full control over the PoE management.

Create a Safe Network with VLAN



Datasheet 8-Port Gigabit Light-Managed Industrial PoE+ Switch with 2 SFP | IG1008EPS2

Highlights

A 8-GbE 2-SFP industrial PoE+ switch with management feature for networking in harsh conditions such as manufacturing, transportation, maritime, oil & gas, and mining.

- 8× GbE, Shielded, ±6kV Surge Resistant
- 8× 802.3at/af Mode A PoE
- 2× 1.25G SFP
- Dual DC Inputs, Requires 44~57V Power
- IP40, -40~75°C (-40~167°F)
- Polarity Reverse Protection
- Short Circuit Protection
- Broadcast Storm Prevention On/Off
- VLAN/BSP/Watchdog On/Off
- Integrated DIN-Rail Bracket

Package Content

- IG1008EPS2
- Installation Guide

Specifications

Interfaces	1.25G SFP Slots	2	
	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 .	
	VLAN Mode Ports	#1~#8 by default, configurable when the Web mode is activated	
	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	Reset Button		
	Web On/Off		
	VLAN On/Off		
	Broadcast Storm Prevention On/Off		
	PoE Watchdog On/Off		
Physical Buttons Note	PoE Watchdog will attempt to reboot the plugged-in clients that have been inactive for 5 minutes. When Web On/Off is enabled, the other On/Off toggles will be ignored by the system.		

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 Gigabit
	Optical Spec and Distance	Depends on the Installed Optical Module
	MAC Address Table	4096
	Max Switching Capacity	21 Gbps
	Max Forwarding Rate	14.88 Mpps
	Jumbo Frame	16 KB
	Packet Buffer	1.5 Mbit
	Power	Power Methods
Power Redundancy		Dual Inputs
DC		44-57V $\overline{=}$
Max Power Consumption		240W (Excluding PoE: 2.75W)
Idle Power Consumption		2.2W
Polarity Reverse Protection		True
Short Circuit Protection	True	



Specifications

Switching	802.3 Protocols	802.3x Flow Control
		802.3i 10BASE-T
		802.3u 100BASE-TX
		802.3ab 1000BASE-T
		802.3z 1000BASE-X
		802.3az Power Saving
		802.3af PoE / 802.3at PoE
	802.1 Protocols	802.1p: LAN Layer 2 QoS/CoS
		802.1q: VLAN Bridge Operation
		802.1ab: LLDP/LLDP-MED
	Port Management	Port On/Off
		Port Negotiation Speed
		Port Trunk (Static Aggregation)
		Port Mirror
		Data Rate Limit
		Jumbo Frame Settings
		Storm Control
		Traffic Monitor
		MAC Address Management
		EEE (802.3az)

Switching	PoE Management	PoE Priority
		PoE Watchdog On/Off
		PoE Watchdog Period/Packet Threshold
		PoE Consumed Power
		PoE Standard
		Delayed PoE Delivery
	Total PoE Power Limit	
	PoE Power Limit	
	L2 Features	IGMP Snooping
		Loop Prevention
		DHCP Snooping
		LLDP Config and Neighbors
		MTU VLAN
Port-Based VLAN		
802.1Q VLAN		
DSCP QoS		
802.1p QoS		
Port-Based QoS		

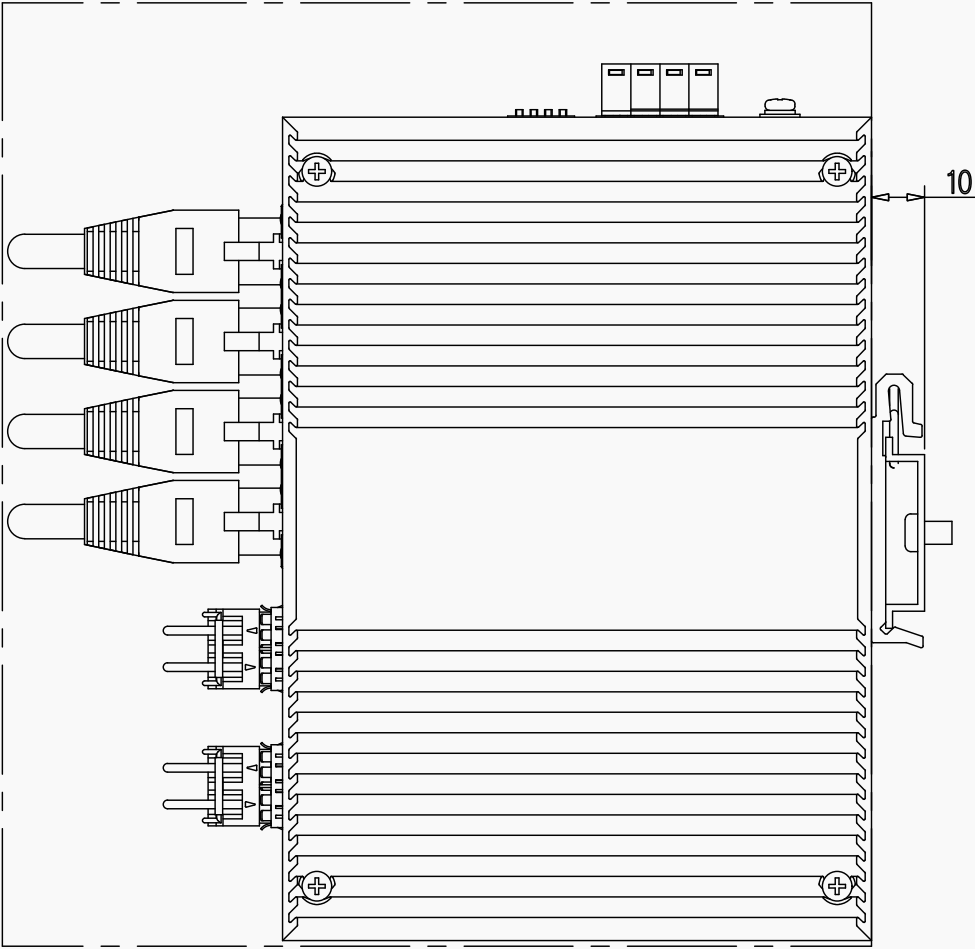
Specifications

System	Control Methods	Config Web Page
		SNMP V1/V2
	Firmware Upgrade	Local Upgrade
	Reliability	Backup and Restore
	Diagnostic Tools	Cable Status/Length Diagnosis
		Ping
Languages	• English	• Arabic
	• Bengali	• Indonesian
	• German	• Hindi
	• Spanish	• Urdu
	• French	• Traditional Chinese
	• Portuguese	• Simplified Chinese
	• Russian	

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	
	Casing Material	Aluminum	
	Ingress Protection	IP40	
	Installation	DIN-Rail	

Spacial Measurements

DIN RAIL



MOUNTING SPACE

