




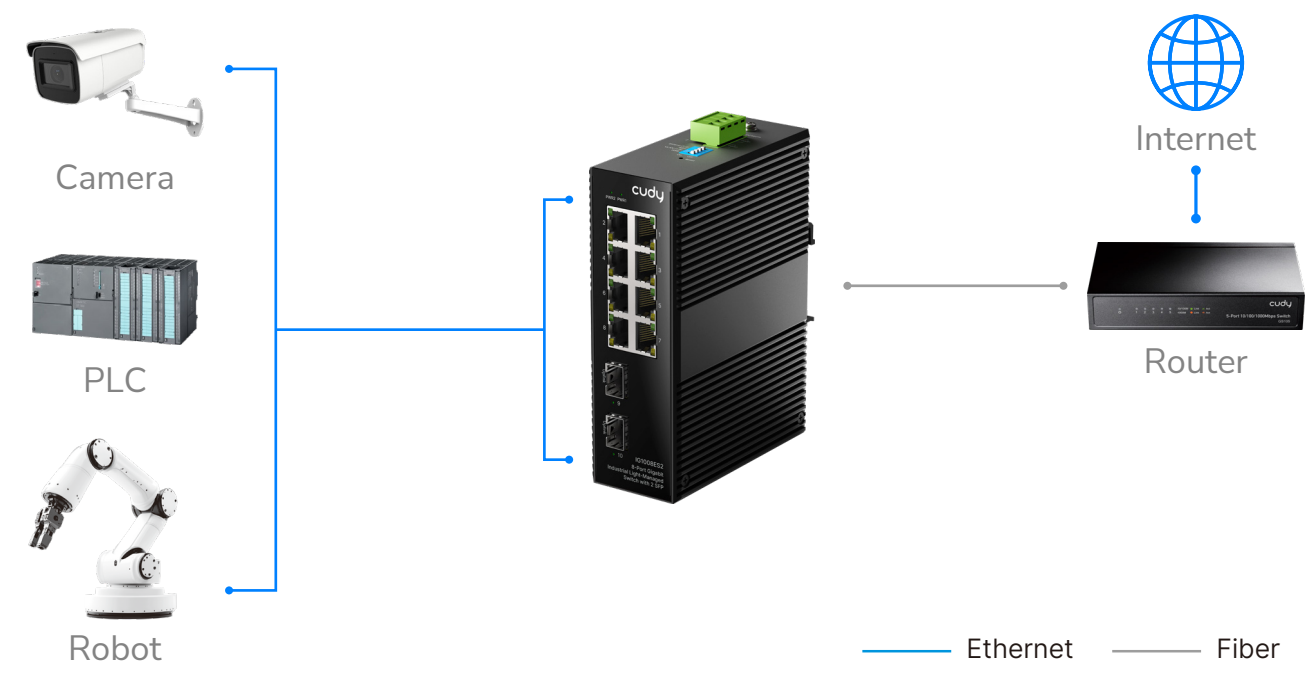
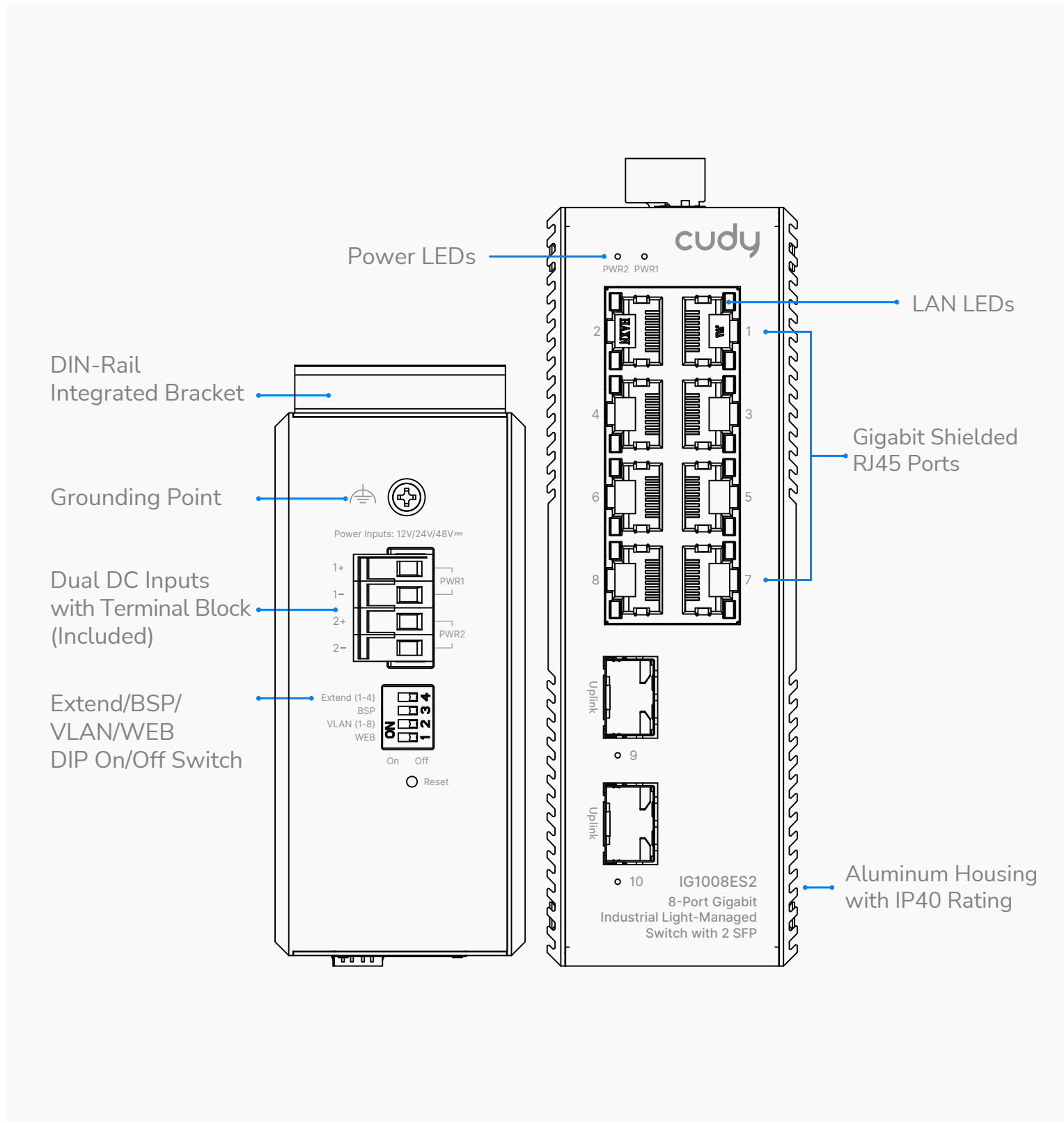
Model: IG1008ES2

## 8-Port Gigabit Easy-Managed Industrial Switch with 2 SFP

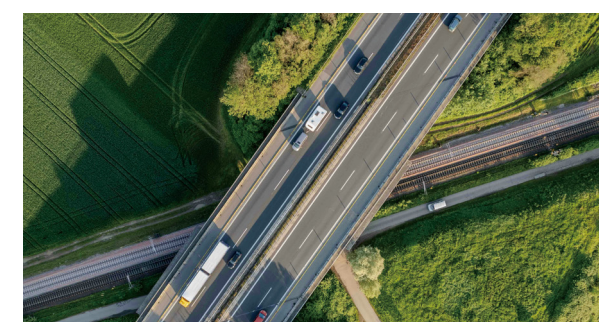
-  **Dual-Power Input** 9.6-60V DC
-  **Industrial-Grade** EMC Design
-  **-40~75 °C** Ambient Temperature

[Datasheet](#)





### Built for Tough Environments



Transportation



Retail/Enterprise

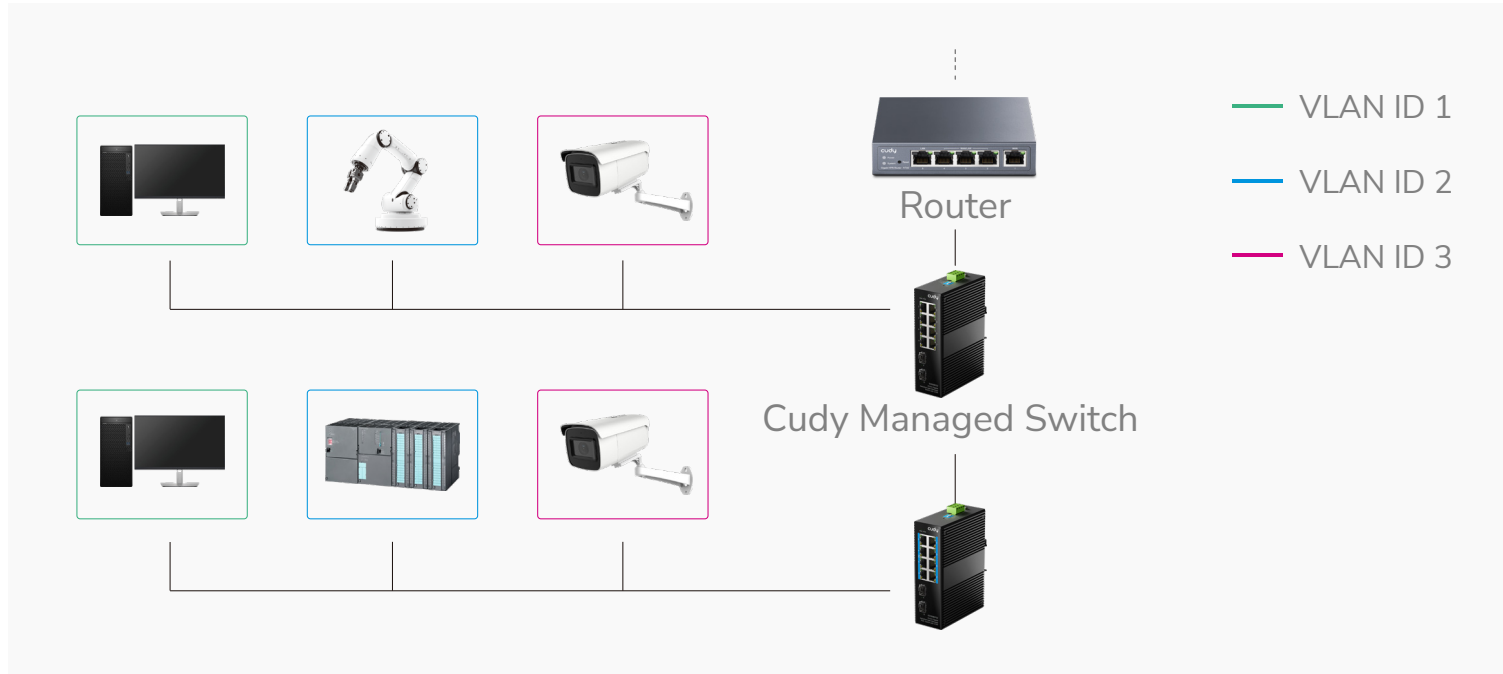


Power Grid Management



Manufacturing and Automation

## Create a Safe Network with VLAN



## Essential Management Made Easy

- |                              |                      |
|------------------------------|----------------------|
| VLAN 802.1Q                  | QoS DSCP/802.1p      |
| Speed/Aggregation Management | IGMP Snooping        |
| Loop Prevention              | 802.3az Power Saving |

## Highlights

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

- 8× GbE, Shielded, ±6kV Surge Resistant
- 2× 1.25G SFP
- Dual DC Inputs, Requires 9.6~60V Power
- IP40, -40~75°C (-40~167°F)
- Polarity Reverse Protection
- Short Circuit Protection
- Broadcast Storm Prevention On/Off
- VLAN/BSP/Extend On/Off
- Integrated DIN-Rail Bracket

## Package Content

- IG1008ES2
- Installation Guide

# Specifications

Interfaces	1.25G SFP Slots	2
	Gigabit RJ45 Ports	8
	Extend Mode Ports	#1~#4 by default, configurable when the Web mode is activated
	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	
Power Input	Dual-Input Terminal Block	
Physical Buttons	Reset Button	
	Web On/Off	
	VLAN On/Off	
	Broadcast Storm Prevention On/Off	
	Extend On/Off	
Physical Buttons Note	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 Cat. 5e or higher cable: 250 meters at 10 Mbps
	Copper Speed and Distance Note	250-meter transmission is available on the Extend Mode ports when the Extend Mode is activated, or when a port speed is configured at 10 Mbps.
	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	DC
	Power Redundancy	Dual Inputs
	DC	9.6-60V <sup>DC</sup>
	Max Power Consumption	6W
	Idle Power Consumption	0.6W
	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
	802.1 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	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

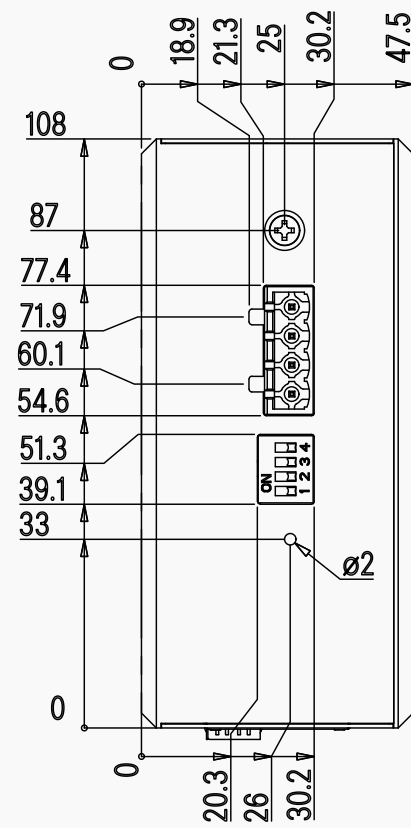
# Specifications

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	

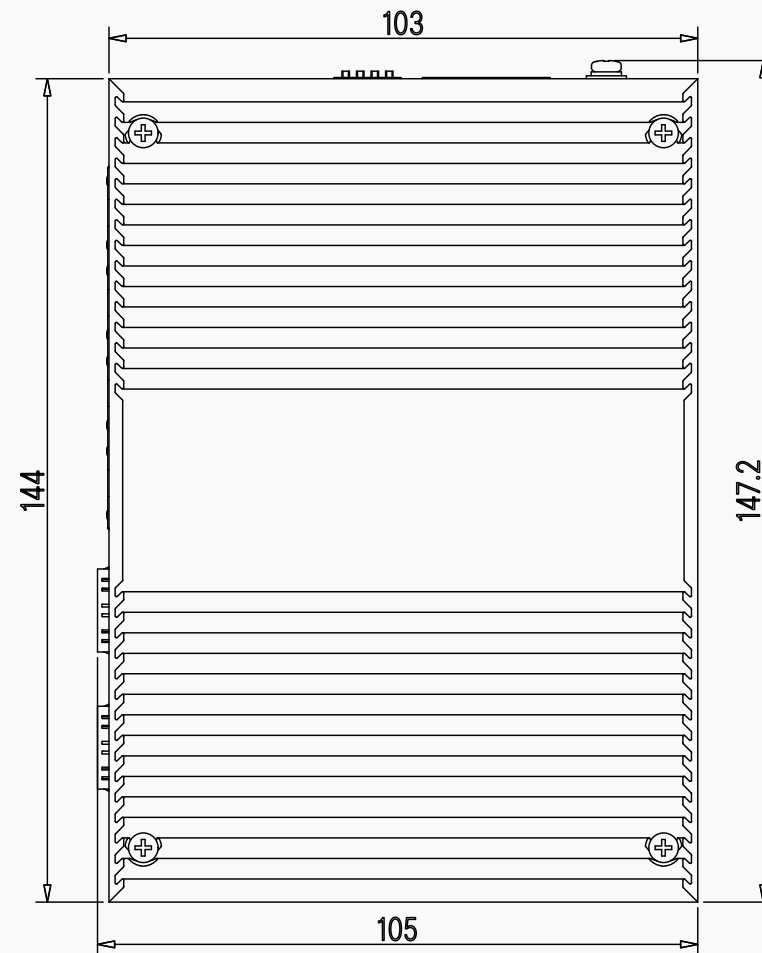
Reliability	Grounding Methods	Grounding Point	
	Safety	IEC/EN 62368	
	EMC	EN55032 Class A	
		EN55035 Class A	
	EMI	FCC 47 CFR Part 15B Class A	
	Shock	IEC 60068-2-27	
	Vibration	IEC 60068-2-6	
	Free Fall	IEC 60068-2-32	
	Environment	Operating Temperature:	-40 °C ~ 75 °C (-40 °F ~167 °F)
		Storage Temperature:	-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

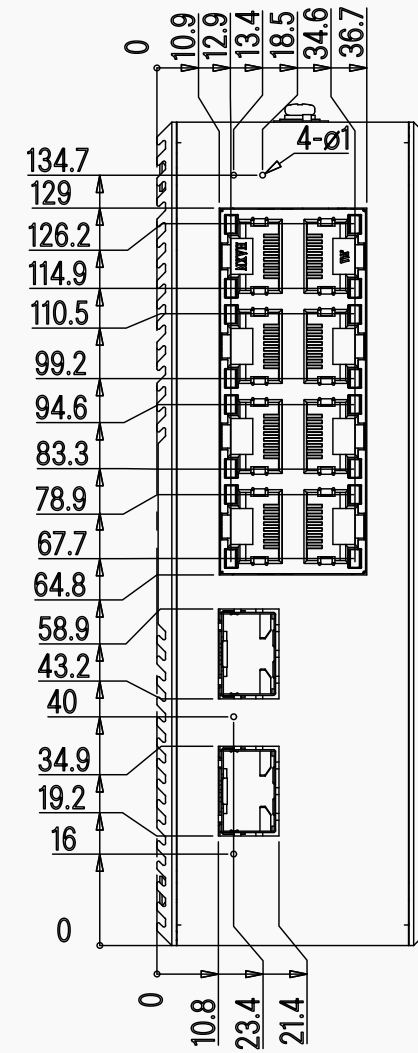
TOP VIEW



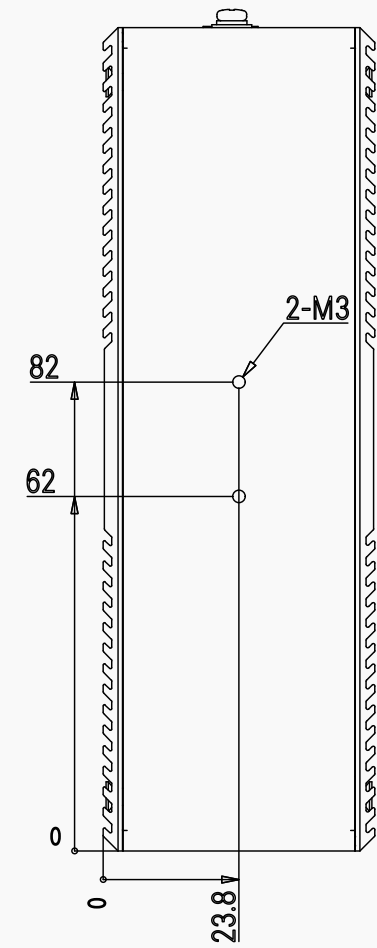
RIGHT VIEW



FRONT VIEW

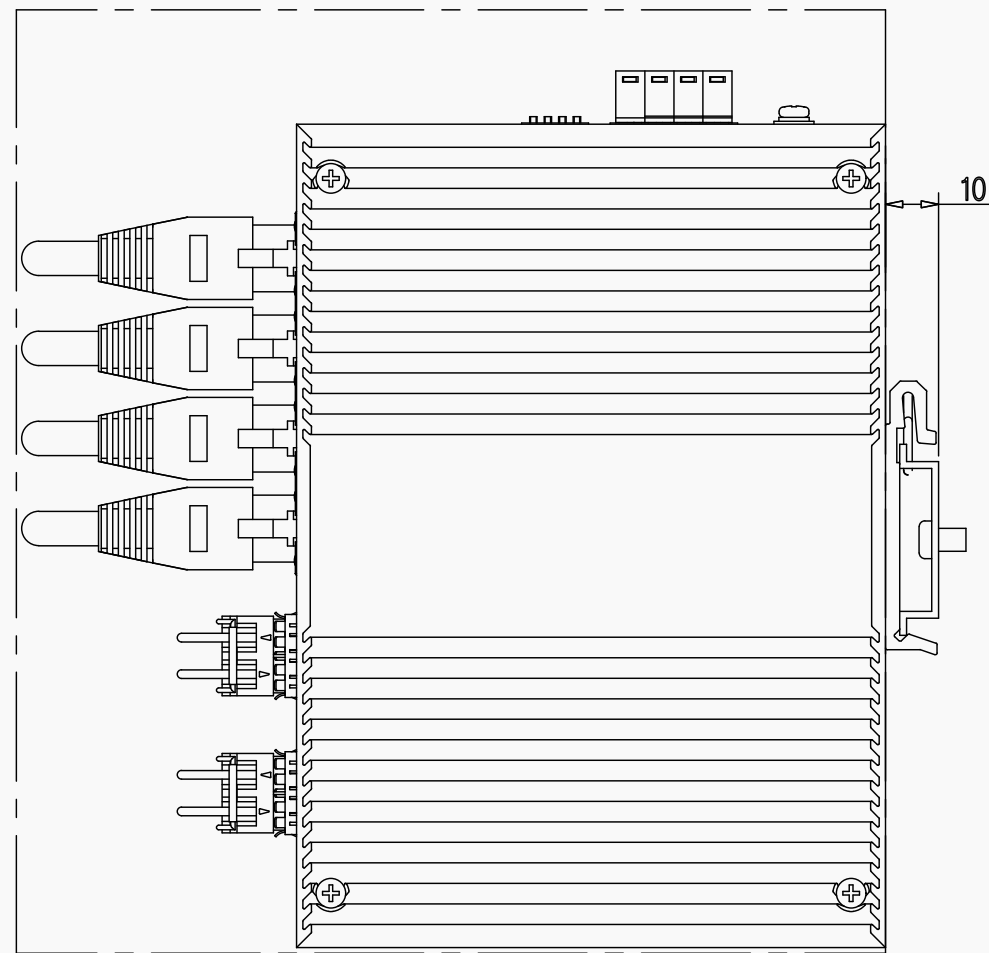


BACK VIEW



# Spacial Measurements

DIN RAIL



MOUNTING SPACE

