








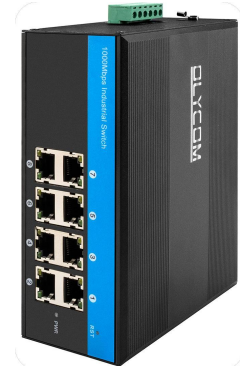
IM-WS080GE

8 UTP

10/100/1000 Mbps Industrial Ethernet Switch

Key Features

-  8x 10/100/1000Mbps Auto-sensing RJ45 ports
-  6KV Ethernet surge protection, adapt to a harsh outdoor environment
-  Support Auto MDI/MDIX
-  Flow control mode: full duplex with IEEE 802.3x standard, half-duplex with Back pressure standard
-  IEEE 802.3 10Base-T and IEEE 802.3u 100Base-TX compliant
-  A store-and-forward switching mechanism
-  Operating environment temperature: -40°C~75°C



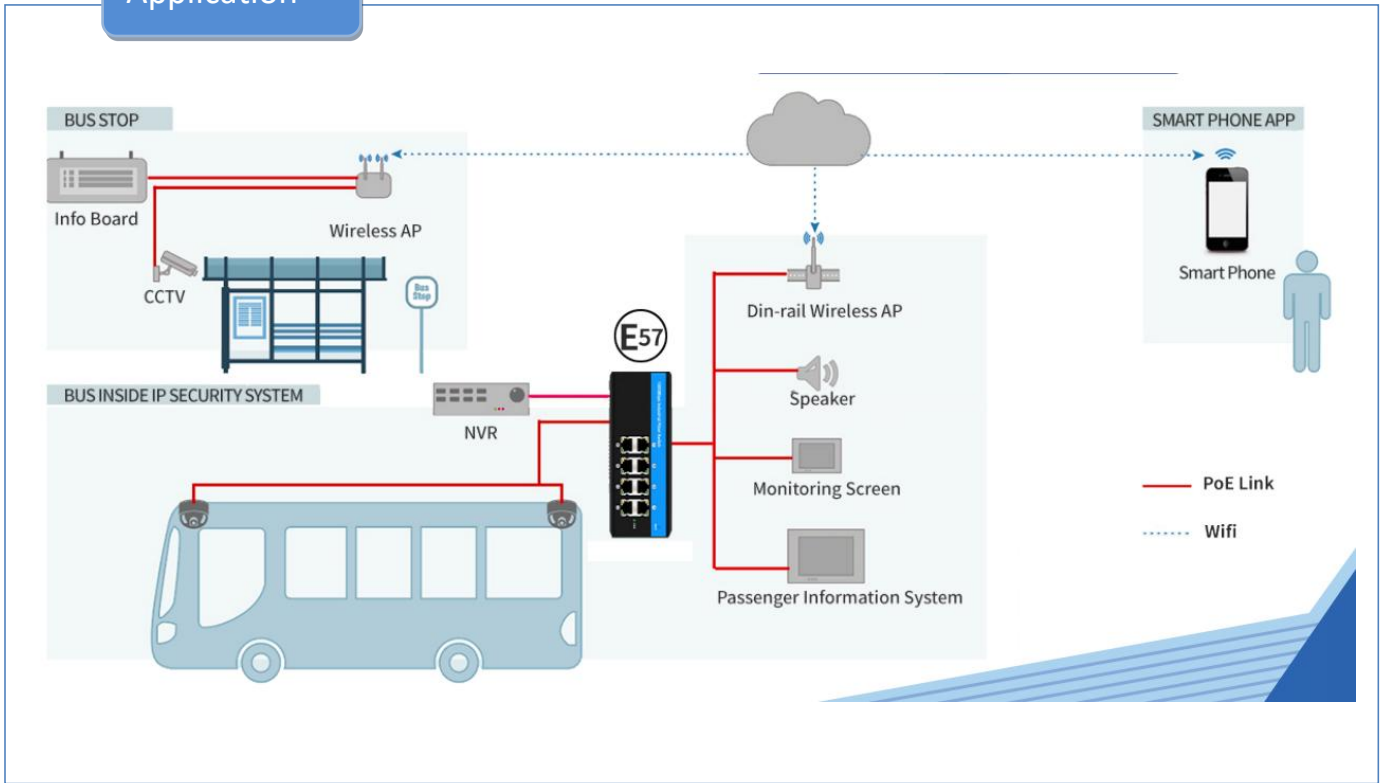
Introduction

IM-WS080GE series is the 10/100/1000 Mbps industrial Ethernet switch, operating temperature -40 °C to + 75 °C, support wide voltage dual power input, meet IP40 protection degree and EMC industrial grade requirements, DIN rail installation, pass through dangerous environmental certification and comply with FCC and CE standards. The reliable industrial grade design could ensure continuous and stable operation of the automation system.

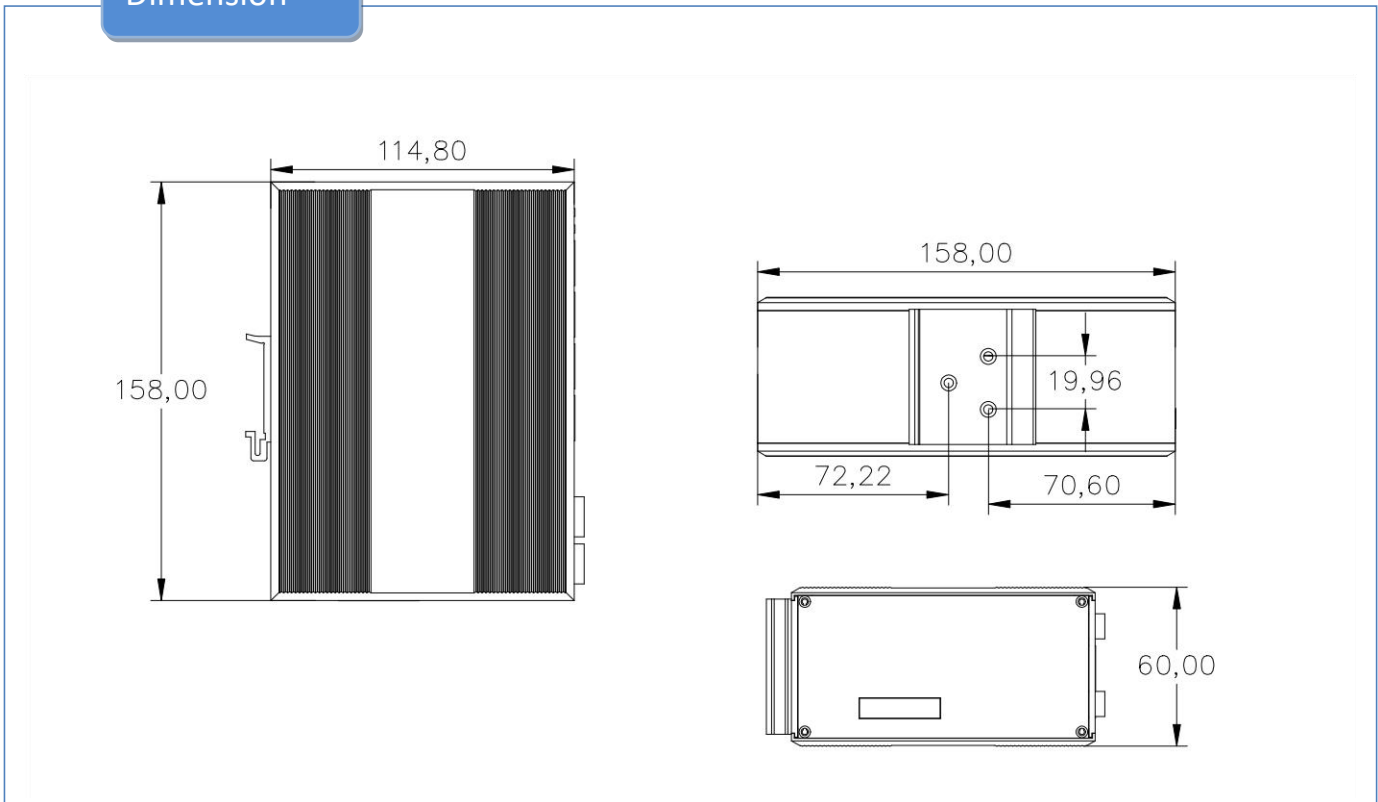
Specification

Product Name	10/100/1000Mbps Industrial Ethernet Switch(8TP)
Model No.	IM-WS080GE
Port	8x10/100/1000M UTP RJ45(Support MDI/MDIX auto-sensing)
Switching features	Transmission mode: storage and forward System bandwidth: 16Gbps (non-traffic jam) Forwarding rate: 23.8Mmps MAC: 4K Packet buffer size: 1.75Mb
Network media	10BASE-T: CAT3, CAT4, CAT5 un-shielded twisted pair(≤100m) 100/1000BASE-TX: CAT5 or above shielded twisted pair(≤100m)
LEDs	Power, network
Power supply	Input voltage: DC 12-52V No-load power: 5W Reverse connection: support
Environment	Working temperature: -40~75°C Storage temperature: -40~85°C Working humidity: 10%~90%, non-condensing Storage humidity: 10%~95%, non-condensing
Industry Standards	ESD: IEC61000-4-2, ±15KV air, ±6KV contact EFT: IEC61000-4-4, General ±6KV Surge: IEC61000-4-5, Differential ±2KV, Common±6KV
Certification	CE-EMC: EN 55032:2015+AC:2016+A1:2020+A11:2020 EN 55035:2017+A11:2020/EN IEC 61000-3-2:2019/A1:2021 EN 61000-3-3:2013/A2:2021/AC:2022 CE-LVD: EN IEC 62368-1:2020+A11:2020 FCC: 47 CFR FCC Part 15 Subpart B(Class B)ANSI C63.4:2014 E-57 E-mark Compliant
Mechanical information	Shell: Corrugated metal shell Safety class: IP40 Dimension: 158 x 115x 60mm Mounting method: Din-rail/Wall mounting Net weight/Gross weight: 0.75Kg/0.9Kg
Warranty	Replacement within 1 year; 3 years repairing


Application



Dimension




Dimension

	Concernente ^{2/} Concerning ^{2/}	Il rilascio dell'omologazione <i>Approval granted</i> L'estensione dell'omologazione Approval extended Il rifiuto dell'omologazione Approval refused La revoca dell'omologazione Approval withdrawn La cessazione definitiva della produzione Production definitively discontinued
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of a type of ~~electrical/~~ electronic sub-assembly ⁽²⁾ with regard to regulation no. 10.06

Omologazione N. <i>Approval No.</i>	E57*10R06/01*1521	Estensione N. <i>Extension No.</i>	00
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Marchio di omologazione <i>Approval mark</i>	 10R - 061521
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|--|---|
| 1. Make (trade name of manufacturer): |  |
| 2. Type and general commercial description(s): | IM-WS080GE, 8 Port Gigabit Industrial Ethernet Switch |
| 3. Means of identification of type, if marked on the vehicle/component/separate technical unit ⁽²⁾ | |
| 3.1. Location of that marking: | Label pasted on the surface |
| 4. Category of vehicle: | M,N,O |

FAQ

1. Whats is the power input?
It supports dual input, typically DC12V or DC24V.
2. Does it have PoE or management function?
No. Its just simple plug-and-play.
But we have PoE model(IM-WP088GE) or Managed model(IM-WP088GW).
3. Can I customize it?
Yes. We support OEM like logo, model name, label, PVC mask and product parts.
4. Where is it most applicable?
Industrial automation, in-vehicle communication.
5. Can I connect it with 10/100M devices?
Yes. Those 8 ports are 10/100/1000M auto-sensing.