

Product Introduction

DS105

Industrial 5-port Unmanaged Ethernet Switch

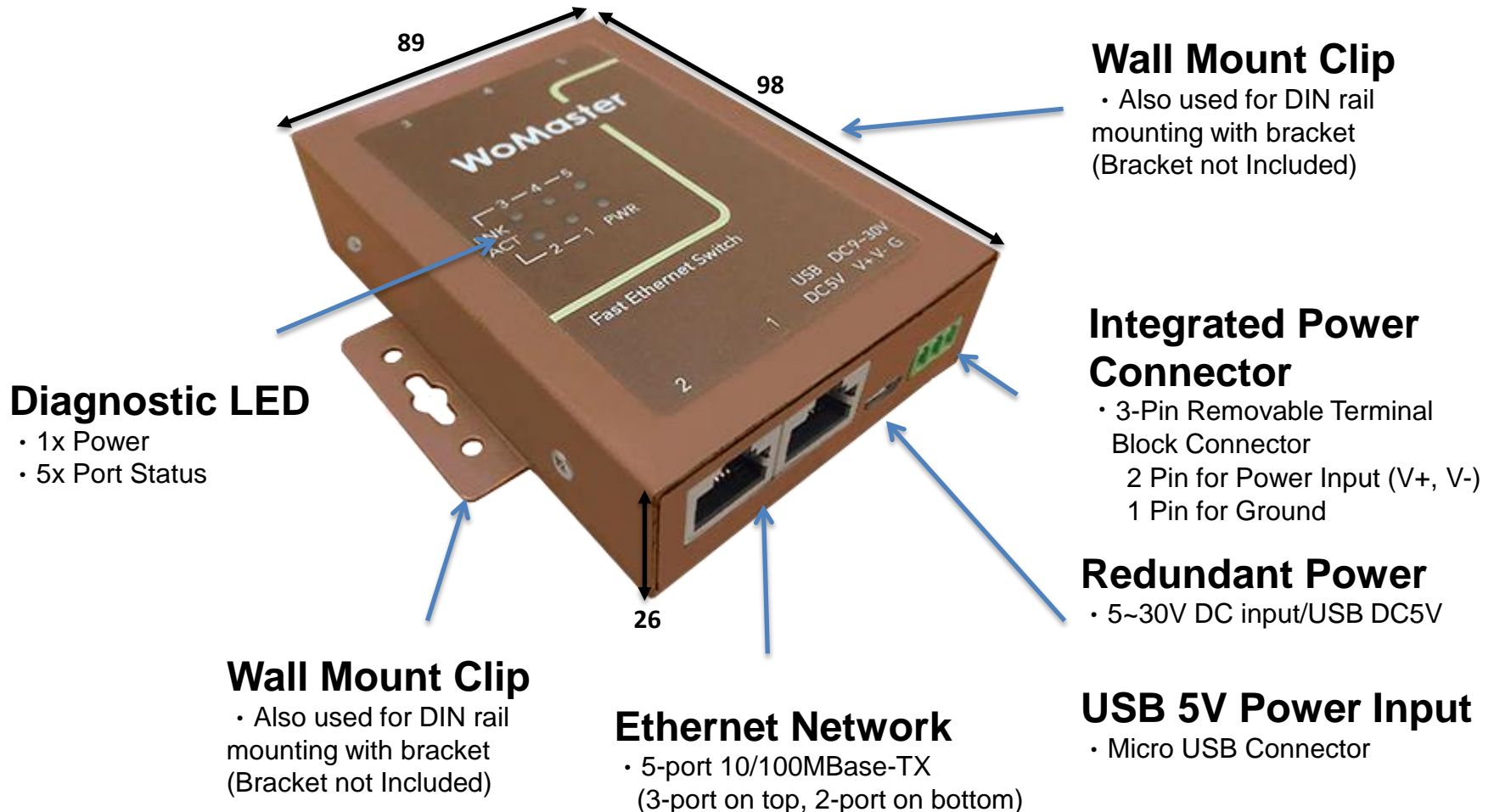


DS105 Features and Benefits

- Interface:
 - 5-port Fast Ethernet Network
 - Power Input
 - 12/24V (5~30V) DC input
 - USB 5V, Micro USB B Type for desktop installation
 - Redundant Power: 5~30V/USB 5V
- Ultra Low Power Design
 - Less than 1W Power consumption (Competitor: 2~3W)
 - IEEE 802.3az EEE (Energy Efficient Ethernet) Power Management
 - <0.5W in power saving mode
- Support **broadcast storm protection**, Port-based QoS (P4/5)
- Outstanding Hardware/Mechanical design
 - **Ultra slim design:** 26mm (H) x 98 (D) x 89 (W)
 - **IP40** Protection and wide range design **-40~75°C/5~30V or USB 5V**
 - IEC61000-6-2/IEC61000-6-4 heavy industrial EMC (Criteria A)

DS105 Interfaces

Industrial 5-port Unmanaged Ethernet Switch



Diagnostic LED

- 1x Power
- 5x Port Status

Wall Mount Clip

- Also used for DIN rail mounting with bracket (Bracket not Included)

Ethernet Network

- 5-port 10/100MBase-TX (3-port on top, 2-port on bottom)

Wall Mount Clip

- Also used for DIN rail mounting with bracket (Bracket not Included)

Integrated Power Connector

- 3-Pin Removable Terminal Block Connector
 - 2 Pin for Power Input (V+, V-)
 - 1 Pin for Ground

Redundant Power

- 5~30V DC input/USB DC5V

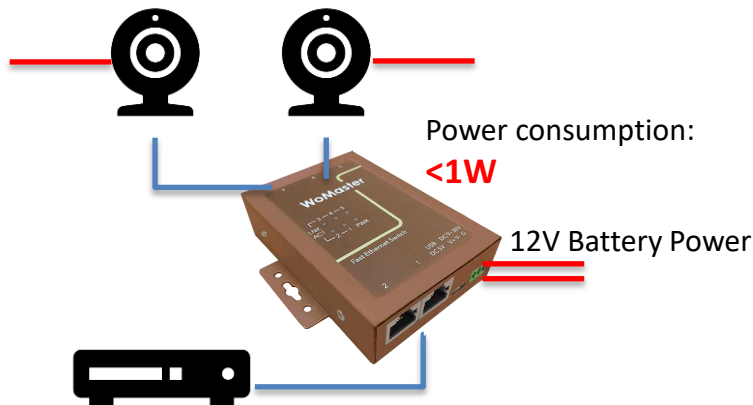
USB 5V Power Input

- Micro USB Connector

Application Example

Bus/Vehicle Installation

1. 12VDC (5~30V) Power Input
2. <1W power consumption
3. Plug & Play
4. Robust wall mounting/Ultra slim



Limited:
Battery/Space/
12V Power input



Factory Automation

1. Easy installation: DIN/Wall mount
2. -40~75°C/5~30 VDC
3. USB power on
4. High Level EMC protection: Criteria A
5. <1W power consumption

