

WoMaster

Quick Installation Guide

Industrial 8-port Managed Gigabit Ethernet Switch

DS408H

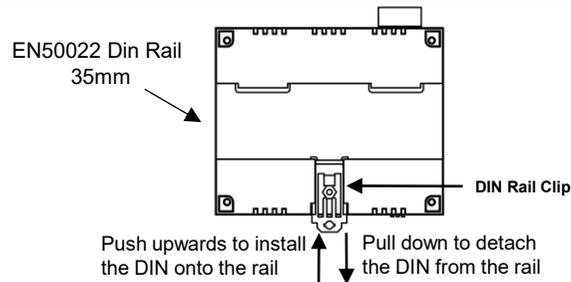
www.womaster.eu

• Package Checklist

- ✓ 1 x Product Unit
- ✓ 1 x 3-pin Removable Terminal Connector
- ✓ 1 x Attached DIN Clip
- ✓ 1 x Quick Installation Guide

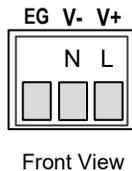
Optional Accessory (for detailed information please refer to the Datasheet)

• Installation



DIN Rail mount

To install the switch on the EN50022 35mm DIN rail, insert the upper part of the rear side of the device into the top of the DIN rail. Then gently push the bottom clamp of the device into the rail. Using the wrong DIN rail may result in unsafe installation.



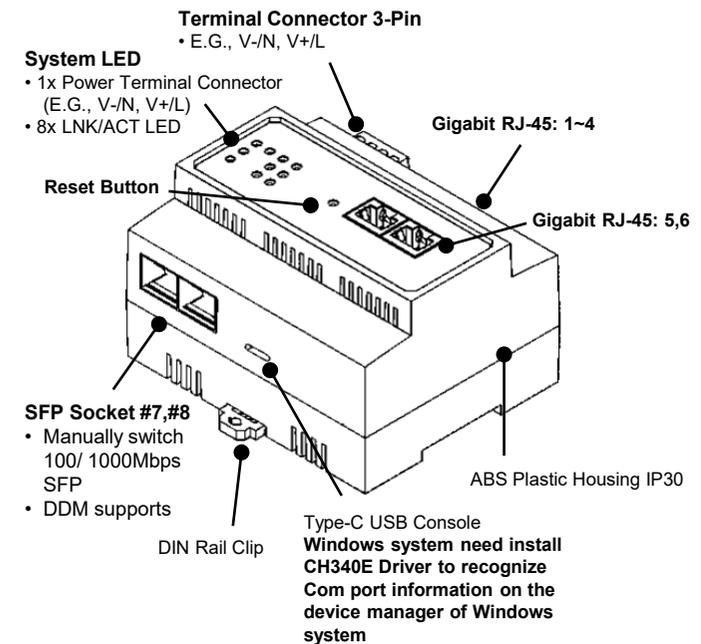
Wiring the Power Input & USP/STP cable

- 1) Insert the positive and negative wires into the V+ and V-(L,N) terminal on the connector. (the device supports reverse polarity)
- 2) Connect the earth grounding wire into the E.G. Terminal for chassis grounding to ensure the device operates properly and safety.
- 3) Secure the wires by tightening the wire-clamp screws.
- 4) Connect the power wires to a suitable DC Switching power supply. The input DC voltage should be within the range of 10VDC to 36VDC (Typical DC24V). The device also support low voltage AC input in the range of 11~27VAC (connect to +/L, -/N)
- ! 5) Wiring the E.G to the Protective Earthing for Telecommunication System. Forbidden connect with the Power System Earth Grounding System.
- ! 6) If the Ethernet twisted-pair copper cable is installed near heavy power lines or electronic devices that may generate electrical noise and interfere with communication, it is recommended to use shielded twisted-pair cable for better immunity.



WARNING: All wiring operations must be performed with the power source turned off to ensure personal safety.

• Appearance



• System Management

TYPE-C USB Console port

The system support USB Type-C for local console management. To uses this feature, connect a USB Type-C cable between your PC and the switch. Once connected, the Windows operating system should automatically recognize a new serial port, visible in the Device Manager under "Ports (COM & LPT)". If the Windows system doesn't recognize the new serial port, it may be necessary to install CH340E driver manually.

Serial Baud Rate: 115200bps
Parity Check: None
Data bit: 8 bits
Stop bit: 1 bit

WEB Browser Management

Default IP address: 192.168.10.1
Login User Name: admin
Login Password: admin

• Overview

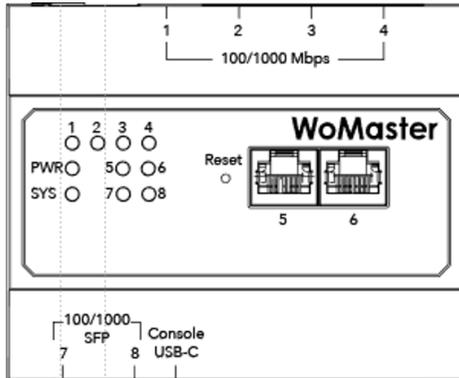
DS408H, the 8-port Managed Gigabit industrial Ethernet switch, adopting a housing reminiscent of PLC designs, is ideal for Din-Rail installations in automation control cabinets with Gigabit Fiber communication.

Engineered to withstand harsh conditions, the protection level of DS408H aligns with heavy industrial communication standards, with support for both low voltage 11~27Vac and wide range 10~36V DC power inputs, while enduring wide temperatures from -40~75°C.

Additionally, it incorporates most of L2 features, ERPS, RSTP, IGMP/Snooping, QoS,VLAN, SNMP and WEB UI management features to ensure optimal network performance. The switch forwarding mechanism, enables seamless communication for a wider range of industrial protocols for automation control systems.

Model Name	Description
DS408H	Industrial Managed 6-port Gigabit RJ-45, 2-port SFP 100/1000Mbps Switch, DC24V (10~36V)

· LED Indicator



LED	Status	Description
PWR	Green On	Power On
	Off	Not Receiving Power
LNK/ACT (Port 1~8)	Green On	Port 1~6: 10/100/1000Mbps link Port 7,8: 100/1000Mbps Link
	Green Blinking	Packets transmitting/receiving
	Off	No Link
SYS	Green Blinking	System on booting
	Green On	System Ready

· Support

At WoMaster, you can use the online service forms to **request the support**. The submitted forms are stored in server for WoMaster team member to assign tasks and monitor the status of your service. Please feel free to write to help@womaster.eu if you encounter any problems.

· Safety Precautions

- **Statement regarding restricted access:**  The equipment is intended to be used in a restricted access location. Access should only be given to skilled person or instructed person who has been instructed in the operation of the equipment.
- **Only operate the device at the specified ambient temperature and humidity.**
- **Power Specification:** Follow the power installing instruction of the user manual, it indicates the available input voltage range, V+/V- pin assignment, power consumption and other notice.

 Connecting power with reverse polarity or using the wrong type of power supply may damage the equipment. Make sure that the power supply is connected correctly and of the recommended type.

- **Switch ON Notice:** Only switch on the supply voltage while the housing is closed, the input voltage is correct and the terminal blocks are wired correctly.
- **Wiring:** The connection cables used are permitted for the specified electronic voltage, current, wire diameter and temperature range. The quality of the RJ45 connector is also very important. In harsh environment, inferior quality RJ45 plug may also cause damage, short or fault communication.
- **Grounding:** The well grounding is important for EMC protection and make sure everything is done correctly before power on the system. **To avoid system damage, the equipment should be connected to Earth Ground.**
- **NOT allow to open the housing:** Only technicians authorized by the manufacturer are permitted to open the housing.
- Please always read the latest version User Manual to know the product specification, installation steps and notice.

· Warranty

3-year Global warranties are available for WoMaster products assuring our customers that the products shall remain free from defects in workmanship or materials and conform in all material respects to WoMaster specifications, or Purchaser's supplied and accepted specifications. The warranty is limited to the repair and/or replacement, at WoMaster's sole discretion, of the defective product during its warranty period. The customer must obtain a **Return Merchandise Authorization (RMA)** approval code prior to returning the defective Product to WoMaster for service. The customer agrees to prepay shipping charges, to use the original shipping container or equivalent, and to insure the Product or assume the risk of loss or damage in transit. Repaired or replaced products are warranted for ninety (90) days from the date of repair or replacement, or for the remainder of the original product's warranty period, whichever is longer.

· Disclaimer

WoMaster reserves the right to make changes to this QIG or to the product hardware at any time without notice. It is the user's responsibility to determine whether there have been any such updates or amendments herein.

Defects, malfunctions, or failures of the warranted Product(s) caused by damage resulting from unforeseeable incidents (such as lightnings, floods, fire, etc.), environmental and atmospheric disturbances, other external forces such as power line disturbances and surge, host computer malfunction and virus, incorrect power input, or incorrect cabling, incorrect grounding and damages caused by misuse, abuse and unauthorized alteration or repair are not warranted.