

KOM600H

2G Ports Fiber optic transceiver module



Product Overview

The KOM600H industrial fiber optic transceiver module is designed for using on the KOM-RH rack-mounted chassis. It supports either 1*Gigabit SFP interface and 1*Gigabit RJ45 port, or 1*100M SFP interface and 1*100M port, also support LFP (Link Fault Pass-Through) function. The KOM600H operates with a 12VDC single power input, has an IP40-level metal enclosure, and offers excellent EMC (Electromagnetic Compatibility) performance, allowing it to withstand environmental temperature ranges from -10°C to +60°C. These features ensure the stable and reliable operation of these product series in harsh industrial environments, making it suitable for a wide range of applications in industrial fields such as power, transportation, oil and gas.

Key features

Supports 1*Gigabit SFP interface and 1*Gigabit Ethernet port, or 1*100M SFP interface and 1*100M Ethernet port with LFP (Link Fault Pass-Through) function.

Maximum power consumption is less than 2.0W.

Supports jumbo frame transmission (up to 9KB maximum frame length).

Meets industrial level-3 electromagnetic compatibility requirements.

IP40-level protection.

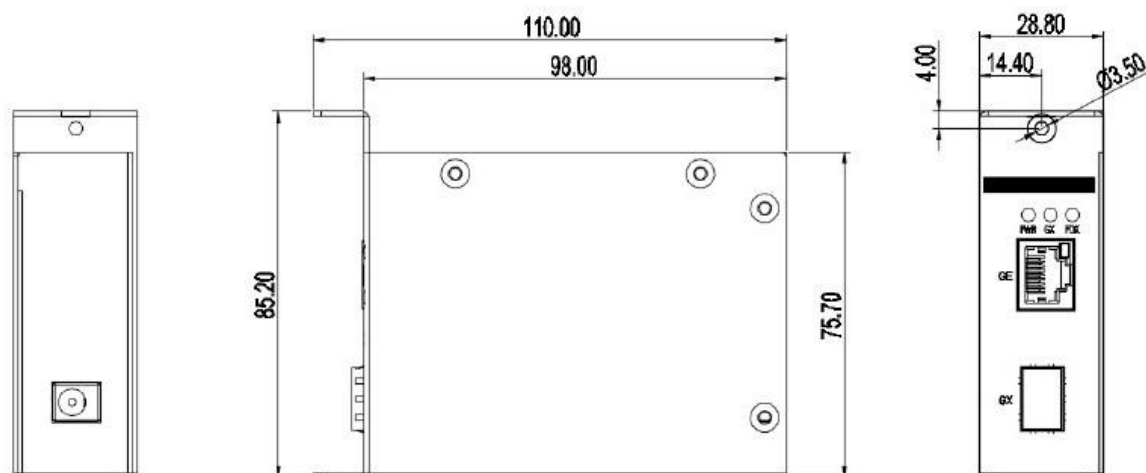
Hot-swappable design.


Specifications

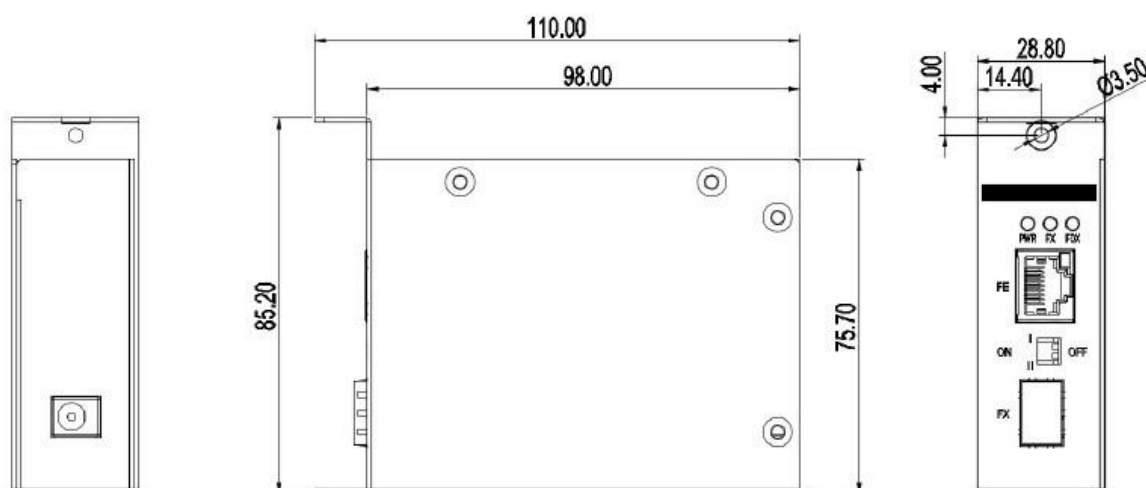
Technical specifications	Technical Parameters	Standard IEEE 802.3i (10Base-T) IEEE 802.3u (100Base-TX) IEEE 802.3ab(1000Base-T) IEEE 802.3z (1000Base-X)
	Switch Properties	MAC table 2K Jumbo Frame Size 9KB
	Interface	Gigabit Port: 1000Base-X, SFP port 10/100/1000Base-T(X), RJ45 port 100M Port: 100Base-X, SFP port 10/100Base-T(X), RJ45 port
	LED	LEDs on Front Panel Power LED:PWR Interface LED:Link/ACT, Speed (RJ45 port); Link/ACT(Fiber port) RJ45 port duplex mode LED:FDX
	Power Supply	Power Input: 12VDC (±10%) Power Terminal: DC-005 Power Consumption 2.0W Overload Protection: Support Reverse Protection: Support
	Mechanical Structure	Housing: Metal Cooling: Natural convection, fanless Protection Class: IP40 Dimension 28.8mm×75.7mm×98mm (W×H×D) Weight: 0.3kg Mounting: Hot-swappable plugging
	Environment	Operating Temperature: -10°C ~ +60°C Storage Temperature: -20°C ~ +70°C Ambient Relative Humidity: 5 ~ 95%(non-condensing)
	Warranty	5 years
	Industry Standard	EMI: FCC CFR47 Part 15,EN55032/CISPR22,Class A EMS: IEC61000-4-2(ESD): ±6kV (contact), ±8kV (air) IEC61000-4-3(RS): 10V/m (80MHz-2GHz) IEC61000-4-4(EFT): Power Port: ±2kV; Data Port: ±1kV IEC61000-4-5(Surge): Power Port: ±1kV/DM, ±2kV/CM; Data Port: ±1kV IEC61000-4-6(CS): 10V (150kHz-80MHz) Machinery: IEC60068-2-6(Vibration) IEC60068-2-27(Shock) IEC60068-2-32(Free Fall)

» Mechanical Drawing

KOM600H-1GX1GE:



KOM600H-1SFP1T:



» Ordering Information

Recommended model					
Product Type	Fiber port (1000M SFP)	RJ45 port (10/100/1000M RJ45)	Fiber port (100M SFP)	RJ45 port (10/100M RJ45)	Power Supply
KOM600H-1GX1GE-12VDC	1	1			12VDC,one single
KOM600H-1SFP1T-12VDC			1	1	12VDC,one single
Accessories					
Accessories Type	Description				
SFP Module	See the selection table of industrial SFP module				
DT-FCZ-RJ45-01	Single-port RJ45 dust plug				