

RS106G Series

4/5/6 - port Full Gigabyte Industrial Ethernet switches



- ▶ Up to 4 10/100/1000BaseT(X) ports and 2 1000BaseF(X) or SFP slots
- ▶ Redundant dual 12/24/48 VDC power inputs
- ▶ Supports jumbo frame transmission up to 9.6 KB
- ▶ Relay output warning for power failure and port break alarm
- ▶ Broadcast storm protection
- ▶ Transparent transmission of VLAN tagged packets
- ▶ -40 to 85°C operating temperature range
- ▶ PoE/PoE+ option



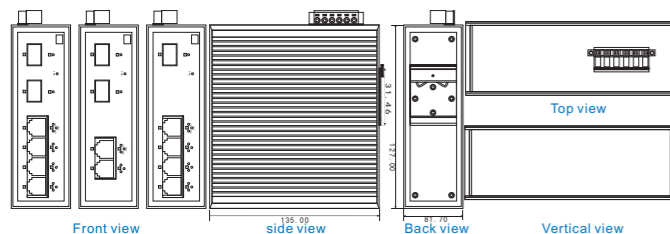
Overview:

The RS106G series are full Gigabyte industrial Ethernet switches, equipped with 4 Gigabit Ethernet ports and up to 2 fiber optic ports, making them ideal for applications that demand high-bandwidth transmission and data converge for up-link, such as video surveillance, tolling systems, ITS, and factory automation.

The RS106G series provide an economical solution for your industrial Gigabit Ethernet connection, and the built-in relay warning function alerts network managers when power failures or port breaks occur. It undergoes a 100% burn-in test to ensure that they fulfill the special needs of industrial automation control applications.

Dimensions:

Size: (mm)



Order information:

Model No	Description	
	10/100BaseT(X)	100BaseF(X) or SFP
WT-RS-10204G	4	2
WT-RS-10202G	2	2
WT-RS-10104G	4	1

Specifications:

Interface	Fiber Ports:1000BaseF(X) or SFP slot Rj45 Ports: 10/100/1000BaseT(X) auto negotiation speed, and auto MDI/MDI-X connection LED Indicators:PWR1,PWD2,L/A,SPD, PoE(option) Alarm Contact:1 relay output with current carrying capacity of 1 A @24 VDC
Switch Properties	MAC Table size:8K Packet Buffer Size:1 Mbit Jumbo Frame Size:10 KB
Power Requirement	Input Voltage:12/24/48/>48 VDC, redundant dual inputs Input Current:24 VDC / 0.6 A Overload Current Protection:Present Connection:2 removable 2-contact terminal blocks Reverse Polarity Protection:Present
Physical Characteristics	Housing:Aluminum, IP40 protection Dimensions:135 x 125 x 45mm (5.3 x 4.9 x 1.8 in) Weight:650g Installation:DIN-rail mounting, Wall mounting
Environmental Limits	Operating Temperature:-40 ~ 85 °C (- 40 ~ 185 °F) Storage Temperature:-40 ~ 85 °C (- 40 ~ 185 °F) Ambient Relative Humidity:5 ~ 95% (non-condensing)
Standards	EMI : FCC Part 15 Subpart B Class A, EN 61000-6-4(Industrial) EMS: EN 61000-6-2 (Industrial), EN 61000-4-2 (ESD) Level 4, EN 61000-4-3 (RS) Level 3, EN 61000-4-4 (EFT) Level 4, EN 61000-4-5 (Surge) Level 4, EN 61000-4-6 (CS) Level 3, EN 61000-4-8, IEEE 1613 Shock: IEC 60068-2-27 Freefall: IEC 60068-2-32 Vibration: IEC 60068-2-6 MTBF (mean time between failures) : 305,000 hrs IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT (X) and 100BaseFX IEEE 802.3ab for 1000BaseT (X) IEEE 802.3z for 1000BaseX IEEE 802.3x for Flow Control Processing Type: Store and Forward Flow Control: IEEE 802.3x flow control, back pressure flow control
Warranty	5 years