



RIS 3210 series

10-port full Gigabit industrial-grade DIN-rail unmanaged Ethernet switch

Product Features

- Supports 8 Gigabit electrical ports and 2 Gigabit optical LC/SC/ST/FC.
- Gigabit electrical port 10/100/1000M adaptive, full/half duplex, MDI/MDIX adaptive mode;
- The power supply supports overload protection, reverse connection protection and redundancy protection (LV);
- Plug and play, convenient and fast;
- IP40 protection level, fanless cooling ;
- Adopting industrial-grade power supply design, a variety of power input solutions are available to meet users' flexible applications;
- -40°C~75°C operating temperature, meeting industrial application scenarios .
- Default rail, optional wall mounting;

Switch Parameters

Network Interface

Port description	Supports 8 Gigabit electrical ports and 2 Gigabit LC/SC/ST/FC optical ports
------------------	---

power supply	
power input	Low-voltage DC power supply: dual power supply redundancy, range DC 12 ~48V High-voltage AC and DC power supply: single circuit, 85-265VAC/100-300VDC isolated power supply
Power consumption	<8W
Protect	Support overload protection, reverse connection protection and redundancy protection (LV)
technology	
Ethernet specifications	IEEE 802.3: 10Base-T IEEE 802.3u: 100Base-TX and 100Base-FX IEEE 802.3z: 1000BaseX IEEE 802.3ab: 1000Base-T
MAC address table	4K
priority queue	8
jumbo frame	9216 bytes
Processing method	store and forward
Switch Features	Exchange delay time : <10μs Switch backplane bandwidth : 20Gbps
Mechanical properties	
Dimensions (W x H x D) mm	RIS3210-8T2GF-LV: 42x92x130 RIS3210-8T2GP-LV: 42x92x130 RIS3210-8T2GF-HV: 42x94x130 RIS3210-8T2GP-HV: 42x94x130
shell	Metal
Heat dissipation method	Fanless design, natural heat dissipation
Protection level	IP40
Installation method	Default rail, optional wall mounting
Weight (g)	≤1KG
environment	
storage temperature	-40~85 °C
Operating temperature	-40~75 °C
Working humidity	5%~95% no condensation
Certification	
EMI	FCC Part 15, CISPR (EN55022) class A
EMS	EN61000-4-2 (ESD) Contact discharge 6 kV, air discharge 8 Kv EN61000-4-3 (RS) 10V/m, 80MHz~1GHz EN61000-4-4 (EFT) Signal terminal 1 kV, power input terminal 2 kV EN61000-4-5 (Surge) Power input: 2kV (line/ground), 1kV (line/line) EN61000-4-6 (CS) 10V, 150kHz~80MHz
impact	IEC60068-2-27
fall	IEC60068-2-32
shock	IEC60068-2-6
Security Level	EN 62368-1 (LVD)



Warranty

5 years