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8Port Gigabyte Managed Industrial Switch

HTD-08G02GM-L2

Description

HTD-08G02GM-L2 is a cost-effective Layer 2 full Gigabit Industrial Ethernet switch based on simple WEB management, supports 8 Gigabit Ethernet electrical ports (RJ45) and 2 Gigabit Ethernet optical ports (SFP), supports ports, VLANs , RSTP and other rich two-layer software features, support easy-to-use Web management. According to the characteristics of the industrial environment, the product has undergone strict component screening, and at the same time adopts the corrugated high-strength aluminum profile shell, which reaches the IP40 shell protection level and the industrial 4-level electromagnetic anti-interference protection performance, so that the equipment can work at -40 ℃ - 85 ℃ harsh environment, can effectively resist the interference of static electricity, lightning strike and pulse. The anti-vibration guide rail installation ensures the stability and safety of the industrial Ethernet switch. HTD-08G02GM-L2 is widely used in harsh automation industrial environments such as intelligent transportation, energy, power, security, etc., providing low-cost, fast and reliable communication solutions.

Layer 2 full Gigabit Industrial Ethernet switch, 8 Gigabit Ethernet ports (RJ45), 2 Gigabit optical ports (SFP, excluding optical modules), WEB management, rail installation, 12-52VDC power supply, support redundant power supply.

Characteristic

- 8*100/1000 RJ 45 Port,2*100/1000 SFP Port
- Support 802.1Q VLAN， port VLAN
- Support port speed limit, speed limit particle 8Kbps
- Support broadcast/multicast/unknown unicast storm suppression
- Support RSTP (IEEE802.1d) Rapid Spanning Tree Protocol
- Support Web Managed
- POE for choice,Support IEEE802.3AF/AT
- Dual DC input redundant power supply
- Industrial four-level electromagnetic anti-interference protection, adapt to harsh electromagnetic interference environment
- The patented technology of corrugated high-strength aluminum profile shell enhances surface heat dissipation, IP40 protection level, no fan
- Working temperature: -40°C~+85°C

Technical Standard		
1	Standard	IEEE 802.3 10Base-T IEEE 802.3u 100Base-T IEEE 802.3ab 1000Base-T IEEE 802.3z 1000Base-X
2	Forward frame length	Maximum 16K bytes
3	MAC Address Capacity	4K
4	Packet forwarding rate	14.88Mpps
5	VLAN type	port VLAN
6	VLAN	4K
7	Port speed limit	0~1G, 8Kbps granularity
8	Spanning Tree Protocol	RSTP
9	Storm suppression type	Broadcast, Multicast, Unknown Unicast
10	Power Port	8*100/1000Base-T RJ45 Port (POE for choice) 2*100/1000Base-X SFP Port
11	Power Indicator	PWR
12	Port Indicator	RJ45(Link&ACT)
13	Management	WEB
14	Button	Restore factory default
15	User Management	Modify user password
16	System Upgrade	WEB upgrade
17	Mechanical standard	IEC60068-2-6 (Vibration) IEC60068-2-27 (Shock) IEC60068-2-32 (Free Fall)
18	EMI industry standard	FCC CFR47 Part 15, EN55022/CISPR22, Class A
19	EMS industry standard	IEC61000-4-2 (ESD): ±8kV (contact), ±15kV (air) IEC61000-4-3 (RS): 10V/m (80MHz-2GHz) IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz) IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)
20	Terminal Block	4-pin 5.08mm-spacing plug-in terminal block
21	Protection	Overload protection, reverse polarity protection, redundancy protection

22	POE function for choice	IEEE 802.3.af : Supported 15.4W IEEE 802.3.at: Supported 30W
23	Casing	Metal,no fan
24	Protection level	IP40
25	Size	200mm x 95mm x 36mm(W×H×D)
26	MTBF	360,000 hours
27	Working Environment	Working Temperature:-40 to 85°C Storage Temporature:-40 to 85°C Relative humidity:5 to 95% (non-condensing)