

ANT-1MIGS24H Series

4 10/100/1000TX and 2 1000X SFP Slot | Managed Industrial Ethernet
Switch ANT-1MIGS24H



Features

- Support 2 1000Base-X SFP slot and 4 10/100/1000Base-T(X) Ethernet port.
- Support G.8032(ERPS), IEEE802.3, IEEE802.3u, IEEE802.3z, IEEE802.3x, IEEE802.3ad, IEEE802.3ab, IEEE802.1p, IEEE802.1x, IEEE802.1Q, IGMP Snooping, IPv4/IPv6 precedence.
- Support CLI, SNMP, WEB management, Console/Telnet command-line management and syslog, using self-developed ring network technology, recovery time
- DC10-58V redundancy power, reverse polarity protection.
- Industrial grade 4 design, -40-85°C operating temperature.
- IP40 rated aluminum alloy housing, DIN-Rail mounted.

Introduction

ANT-1MIGS24H is a high performance, cost-effective high-end managed industrial Ethernet switch. The switch provides 4 10/100/1000Base-T(X) Ethernet port and 2 1000Base-X SFP slot. The use of a Ring technology (network fault recovery <20ms) the user can easily set the redundant ring network to increase network reliability, it also supports WEB, CLI, Telnet/serial console, Windows utility, and SNMP management of a variety of ways, rich QoS features for data traffic control and management, support ring protocol, RSTP and STP Ethernet redundancy support port-based VLAN, IEEE 802.1Q VLAN and GVRP protocol. The product also industrial design, and can be widely used in automotive PIS, CCTV, video surveillance systems, train control system, but also applies to any vibration shock, EMC compatibility requirements of harsh industrial applications, can meet a variety of industrial site requirements to achieve higher reliability.

Specification

Protocol Standard	G.8032(ERPS), IEEE802.3, IEEE802.3u, IEEE802.3z, IEEE802.3x, IEEE802.3ad, IEEE802.3ab, IEEE802.1p, IEEE802.1x, IEEE802.1Q, IGMP Snooping, IPv4/IPv6
Switching Performance	Precedence Forwarding Rate: 17.856Mpps Transmission Mode: Store and Forward Packet Buffer Size: 12M Backplane Bandwidth: 24Gbps MAC Table Size: 16K Priority Queues: 8 Delay Time: < 10μs
Ring Network Management	<p>Bandwidth Management: outbound port speed, speed limit particle size: 0 - 1G, step 100kbps.</p> <p>Expanding Ring Back: based on port, support link aggregation/LACP, support load balancing, support port protection, Spanning Tree Protocol: STP, RSTP, MSTP. System Upgrade: support under BOOTROM Xmodem /TFTP upgrade, support for system files and upload and upgrade configuration files.</p> <p>User Management: hierarchical user and password protection, port septum away, broken fiber alarm, power failure alarm.</p> <p>System Maintenance: the optical module diagnostics, ping, port system count, support ERPS, ring protection switching time<20ms, with QOS traffic classification, priority level of trust, SP, WRR queue scheduling, support streaming strategies, suppression, support SNMP network pipe, support CLI/SNMP/WEB management, support Console and Telnet command line management and syslog.</p>
Ethernet Port	10/100/1000Base-T(X) auto speed control, full/half duplex, and MDI/MDI-X auto-adaptation
Fiber Port	1000Base-X SFP slot
LED Indicator	Power Indicator: PWR Port Indicator: LINK / ACT
Power Supply	Input Voltage: DC10-58V Connector: 6 bit 5.08mm removable terminal block Full Load: <10W Protection Mechanism: overload protection, reverse connection protection, redundancy protection
Mechanical Structure Shell:	IP40 protection, aluminum alloy housing dimension: 81*146*47mm (L*W*H) Weight: 550g Installation: DIN-Rail mounting, wall unting
Operating Environment Industry Standards	Operating Temperature: -40-85°C Storage Temperature: 0-85°C Ambient Relative Humidity: 5%-95% (non-condensing)

Order Information

Model No.	Description of Goods
ANT-1MIGS24H	4 10/100/1000TX and 2 1000X SFP Slot Managed Industrial Ethernet -T(X), DIN-Rail, DC10-58V, -40-85°C Operating Temperature