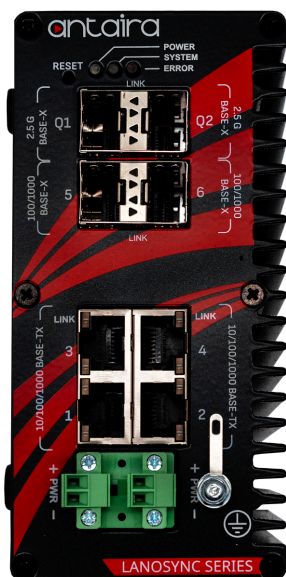


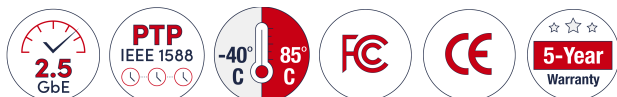
QMX-0804G-2Q2S-T

GIGABIT MANAGED ETHERNET SWITCH



FEATURES

- Support 4*10/100/1000Tx RJ45 with 2*10/100/1000 SFP and 2*100/1000/2.5G SFP
- IEEE1588 v.2-based Precision Time Synchronization (PTPv.2) Profiles: 1588, G.8265.1 and G.8275.1
- ITU-T G.8032 compliant Ring Operation with < 20ms reconfiguration, up to 64 rings simultaneously
- Support for PROFINET Conformance Class A
- Access Security SNMPv3, HTTPS, and SSH
- Redundant DC Power Supply
- Operating Temperature Range: -40° to 85°C
- 5-Year Warranty



INTRODUCTION

Antaira Technologies' QMX-0804G-2Q2S-T is equipped with four 10/100/1000 RJ45 ports, two 10/100/1000 SFP ports, and two 100M/1G/2.5G SFP ports. It features standard built-in secondary 4kV 10/700μs ITU K.44 surge protection on the RJ45 transmission paths. This device also supports precision time synchronization profiles based on IEEE1588 v.2 (PTPv.2), including 1588 default, G.8265.1, and G.8275.1. It operates with a 20-60V DC redundant power supply.

SPECIFICATIONS

Hardware Specifications

Total Ports	RJ-45 GE	SFP 1G Fiber	SFP 2.5G Fiber	System Power	Input Voltage	Operating Temp.
8	4	2	2	15W	20-60VDC, redundant	-40 to 85°C -40 to 185°F

Physical Specifications

Dimensions (W x H x D)	Weight (Unit)	Weight (Shipping)	Mounting	Housing
65 x 135 x 125mm 2.56 x 5.31 x 4.92in	0.90kg 1.98lb	0.94kg 2.08lb	DIN-Rail	Metal, IP40

Standards

IEEE 802.3 10BASE-T Ethernet
IEEE 802.3u 100BASE-TX Fast Ethernet
IEEE 802.3ab 1000BASE-T Gigabit Ethernet

IEEE 802.3x Flow Control and Back-pressure
IEEE 802.1AB Link Layer Discovery Protocol (LLDP)
IEEE 802.1p Class of Service (CoS)

IEEE 802.3u 100BASE-FX Fast Ethernet Fiber IEEE 802.3z Gigabit Fiber ITU K.44 Overvoltages and Overcurrents Protection	IEEE 802.1Q VLAN IEEE 802.1ad QinQ IEEE 802.1D Spanning Tree Protocol (STP) IEEE 802.1D-2004 Rapid Spanning Tree Protocol (RSTP) IEEE 802.1s Multiple Spanning Tree Protocol (MSTP) IEEE 802.3ad Link Aggregation Protocol (LACP) IEEE 802.1x Port Based Network Access Protocol IEEE 802.3az Energy Efficient Ethernet (EEE)
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Management	
Protocols	IPv4, IPv6, ARP, ICMP, TCP, UDP, DNS, IGMP v1, v2, v3, MLD v1, v2, GMRP, GVRP, SNMP v1/v2c/v3, DHCP Client, NTP, SMTP, RMON, HTTP, HTTPS, Telnet, SSH v2, Syslog, EtherNet/IP, SNMP Inform, LLDP, NTP server/client, IEEE1588 PTPv2, MIB-II, Ethernet-Like MIB, PROFINET Conformance Class, Radius centralized password management, 1-wire, Port Mirroring
Network Redundancy	ITU-T G.8032 Ethernet Ring (ERPS) <20ms IEEE 802.1D Spanning Tree (STP) IEEE 802.1D-2005 Rapid Spanning Tree Protocol (RSTP) IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)
IEEE 802.1x	EAP, TACACS+, RADIUS - authentication, authorization and accounting functions - AAA

Switch Properties	
MAC Address Table	Up to 8192 entries
VLANs	4096
QoS	8
Ambient Humidity	0% to 95% (non-condensing)
MTBF	649,000 hrs.

Compliance Specifications	
EMC	IEC 61000-4-2 IEC 61000-4-3 IEC 61000-4-4 IEC 61000-4-5 IEC 61000-4-6 IEC 61000-4-8 IEC 61000-4-11
Safety	PN-EN 55035:2017-09 PN-EN 55032:2015-09 PN-EN IEC 62368-1:2020-11 PN-EN 55011:2016 PN-EN 60825-1:2014-11 EMC 2014/30/EU LVD 2014/35/EU
Warranty	5 Years

ORDERING INFORMATION

Industrial Ethernet Switch	
QMX-0804G-2Q2S-T	8-Port Industrial Gigabit Managed Ethernet Switch, w/4*10/100/1000Tx, 2*100M/1G/2.5Gbps + 2*100M/1G SFP Slots; EOT: -40°C to 85°C

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 Specifications are subject to change without notice and without incurring any obligation.