

ANT LMP-1002C-SFP Series

10-Port Industrial Gigabit PoE+ Managed Ethernet Switch, with 8*10/100Tx (30W/Port) and 2*Gigabit Combo (2*10/100/1000TX RJ45 and 2*100/1000 SFP Slots)

- Supports 8*10/100Tx IEEE 802.3at/af Compliant with 30W/Port, and 2*Gigabit Combo (2*10/100/1000Tx RJ45 & 2*100/1000 SFP Slots for Fiber Connections)
- Network Redundancy: STP/RSTP/MSTP, and G.8032 ERPS (Recovery Time <50ms)
- Supports IPv4/IPv6, and DHCP Option 66/67/82
- Supports Modbus/TCP Protocol for Device Management and Monitoring
- Configuration: Web Console, Telnet, CLI Command
- IGMP v1/v2 for Multicast Traffic Filtering
- QoS (IEEE802.1p/1Q), CoS/ToS to Increase Determinism
- IEEE802.1Q VLAN for Easy Network Planning
- Enhanced Network Security with IEEE802.1X, SNMP v1/v2c/v3, HTTPS, and SSH/SSL
- Auto Warning by Exception through E-mail, Relay Output
- Support RMON Function for Efficient Network Monitoring
- Support Port Mirroring for Online Diagnostic
- 5-Year Warranty



SPECIFICATIONS

Technology	
	IEEE 802.3 10Tx Ethernet IEEE 802.3u 100Tx Fast Ethernet IEEE 802.3ab 1000Tx Gigabit Ethernet IEEE 802.3z Gigabit Fiber IEEE 802.3x Flow Control for Full Duplex IEEE 802.3ad for Port Trunk with LACP IEEE 802.3at/af PoE (Power-over-Ethernet) IEEE 802.1d STP (Spanning Tree Protocol) IEEE 802.1w RSTP (Rapid Spanning Tree Protocol)
Standards	
	IEEE 802.1s MSTP (Multiple Spanning Tree Protocol) ITU-T G.8032/Y.1344 ERPS (Ethernet Ring Protection Switch) Protocol IEEE 802.1Q for VLAN Tagging IEEE 802.1x for Network Authentication IEEE 802.1p QoS/CoS Protocol for Traffic Prioritization
Protocol	
	IGMPv1/v2, SNMPv1/v2c/v3, TFTP, SMTP, SMTP, RMON, HTTP, HTTPS, Telnet, Syslog, DHCP Option 66/67/82, SSH/SSL, Modbus/TCP, LLDP, IPv4/IPv6
Switch Properties	
Switch Architecture	Back-Plane (Switching Fabric): 5.6Gbps
Configuration	Web Console, Telnet, CLI
Processing Type	Store and Forward
Flow Control	IEEE 802.3x for full duplex mode, back pressure for half duplex mode
Transfer Rate	14,880pps for 10Base-T Ethernet 148,800pps for 100Base-T Fast Ethernet 1,488,000pps for Gigabit Ethernet
Packet Buffer	4 Mbits
Jumbo Frame	-
MAC Table Size	8K
VLAN Group	1 ~ 4094
IGMP Group	Up to 256 Groups
Port Interface	
Ethernet RJ45 Port	8*10/100BaseTx (PSE: 30W/Port) auto negotiation speed, Full/Half duplex mode, and auto MDI connection
Gigabit Combo Ports	2*RJ45 w/10/100/1000Tx Fast Ethernet and 2*100/1000 SFP Slot For Fiber
Wavelength	Refer to SFP Modules
RS232 Serial Console	1*RS232 in RJ45 connector with console cable, 115.2Kbps, 8,N,1
Configuration Backup	1*U .0

Protection	
Overload Current	Present
Power Reverse Polarity	Present
CPU Watchdog	Present
Network Cable	
	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable; 100Base-TX: 2-pair UTP/STP Cat. 5 cable. EIA/TIA-568 100-ohm (100m) 1000BaseTX: UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m)
Mechanical Characteristics	
LED Indicator	Per Unit: Power 1 & 2 (Green), Fault (Red) PoE: Feeding Power (Green)
Housing	Metal IP30 rated
Dimension	54 x 142 x 99 mm
Weight	Unit: 2.4 lbs; Shipping: 3.2 lbs
Mounting	DIN-Rail; Wall-Mount (optional)
Power Requirement	
Input Voltage	48-55VDC Redundant Input
Power Connection	1 removable 6-contact terminal block
PoE Power Output	25W/port @ 48VDC power input; 30W/port @ 51-55VDC power input
Power Consumption	15 Watts (no PD included); 255 Watts @48-55VDC
Environmental Limits	
Operating Temperature	STD: -10 to 70°C EOT: -40 to 75°C
Storage Temperature	-40°C ~ 85°C
Ambient Relative Humidity	5 to 95%, (non-condensing)
Regulatory Approvals	
EMI	FCC Class A
EMS	IEC61000-4-2,3,4,5,6,8 IEC61000-6-2,4
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Certifications	FCC, CE, UL61010-1, 61010-2-201 NEMA TS2
Warranty	5 Years

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ORDERING INFO

LMP-1002C-SFP	10-Port Industrial Gigabit PoE+ Managed Ethernet Switch with 8*10/100Tx (30W/Port) + 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45, or 2*100/1000 SFP Slots)
LMP-1002C-SFP-T	10-Port Industrial Gigabit PoE+ Managed Ethernet Switch with 8*10/100Tx (30W/Port) + 2*Gigabit Combo Ports (2*10/100/1000Tx RJ45, or 2*100/1000 SFP Slots); EOT: -40 to 75C

Optional Accessories

MDR-60-48	60W Industrial Din Rail Power Supply (48VDC)
DR-75-48	75W Industrial Din Rail Power Supply (48VDC)
DR-120-48	120W Industrial Din Rail Power Supply (48VDC)
SDR-240-48	240W Industrial Din Rail Power Supply (48VDC)
SFP-M-T	1 Gigabit Fiber SFP Transceiver, Multi-Mode 550M / LC / 850nm, -40°C~85°C
SFP-S10-T	1 Gigabit Fiber SFP Transceiver, Single Mode 10KM / LC / 1310nm, -40°C~85°C
DIN-RACK-2U	Din-Rail to 19" Rack Mount Adapter for all Din-Rail Mountable Products, 2U Height