MELBYE

RAYCORE

Q3-123 V6.1E

Specification of L2 Gigabit Ethernet

Switch Managed

Part Number: ASWW-WG4T-000xx-00

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Without Fiber Tray

The L2 Switch is five 10/100/1000 Base-T Gigabit Ethernet managed stand-alone switch.

This switch supports remote management by SNMP and Http interfaces, and lots of L2 switch management functions, e.g. 802.1Q VLAN, 802.1x, Port Security, Rate Control, Port Configuration, Port Mirroring, Port Statistics, QoS functions, ... etc.

Specifications

Interface

- LAN
  - ➤ RJ-45 Port: 10/100/1000 Base-T x4 Port
- WAN
  - ➤ RJ-45 Port: 10/100/1000 Base-T x1 Port

Standard compliance

- Support IEEE 802.3 10BASE-T
- Support IEEE 802.3u 100BASE-TX/FX
- Support IEEE 802.3ab 1000BASE-T
- Support IEEE 802.3x Flow Control
- Support IEEE 802.1p QoS
- Support IEEE 802.1q VLAN Tagging
- Support IEEE 802.3az Energy Efficient Ethernet (EEE) function

Traffic

- Support Port Setting
- Support Bandwidth Control: Rating per port ingress and egress rate limit 1000Mbps with 64kbps, step 64k
- Support Storm Control: Broadcast/Multicast Storm Suppression
- Support IGMP Snooping: IGMP snooping enable and disable mode
- Support IEEE 802.1p QoS:
  - Support Port-based Priority with eight level priority queue
  - Support Queue Weight
  - Support DSCP Remarking
  - Support Remapping

Security & Authentication

- Support IEEE802.1q VLAN Tagging:
  - Port-Base VLAN
  - Tag-Base VLAN, up to 64 active VLANs
- Support Management VLAN
- Support Port Trunk
  - Port trunk with 2 trunk groups
  - Up to 4 ports for each group.
- Support Port Mirroring
- Support Green Ethernet
- Support EEE

Management

- Management via Web/HTTP
- Support SNMP v1 & v2c, RFC 1213 MIB (MIB-II) and Private MIB
- Support RMON MIBs
- DHCP Client
- Auto Provisioning for firmware and configuration upgrade (For Windows 2000/XP/Win 7/server and support option 60/66/67/254)
- Firmware and configuration upgrade via Web/HTTP
- Dual Bank Image
- Network Security
- MAC address limitations per port

Hardware

- LED Indicators:
  - Power x1: Blue LED
  - WAN LINK/ACT x1: Blue LED
  - WAN Speed x1: Orange/Green/Off LED (1000M/100M)
  - LAN 1-4 LINK/ACT x4: Blue LED
  - LAN 1-4 Speed x4: Orange/Green/Off LED (1000M/100M/10M)
- Support Auto-negotiation for TP Port (10M/100M/1000M and Full/ Half mode)
- Support Auto MDI/MDIX auto-crossover for TP ports
- Operate in store and forward mode
- Support Flow Control
- Support 8K MAC Address Table
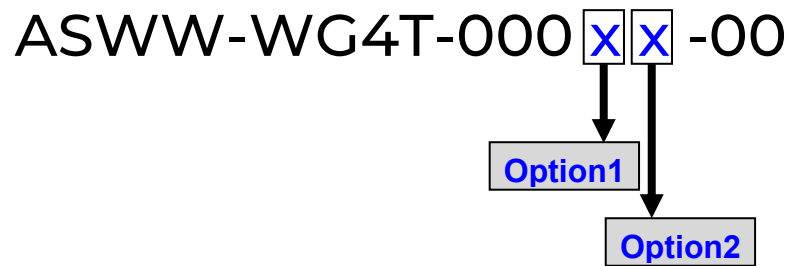- Support Jumbo Frame (9k)

Environmental & Physical

- Installation: Desk Top/Wall Mounting/Magnet Wall Mounting
- Dimension: 115mm x 90mm x 33mm (LxWxH)
- Operating Temperature: 0~50°C
- Storage Temperature: 0~70°C
- Humidity: 20~80% non-condensing
- Power Consumption: <5W
- Power Input: DC Jack, 12VDC/1A
- MTBF: 100,000 h (25°C)
- Compliance: RoHS
- Certification: CE

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Ordering Information:

Part Number	Description
ASWW-WG4T-000xx-00	L2 Gigabit Ethernet Switch, Managed 10/100/1000 Base-T x4 Port - 10/100/1000 Base-T x1 Port Series

ASWW-WG4T-000 X X -00

Option1

Option2

Option1

Option Code	Option Descriptions
0	Without Fiber Tray
2	Without Fiber Tray, with Magnet Bracket
3	Without Fiber Tray, with Wall Mount Bracket

Option2

Option Code	Option Descriptions
1	100-240V/50-60Hz, 12V/1A, US (Type A), Black
2	100-240V/50-60Hz, 12V/1A, EU (Type C), White