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RAYCORE

Q3-124 V7.1E

Specification of L2 Gigabit Ethernet Fiber Switch - Managed

Part Number: ASWW-WT4F-xxxxx-00



Without Fiber Tray



With Fiber Tray

The L2 Fiber Switch is four 10/100/1000 Base-T Gigabit Ethernet and one 100/1000 Base-X 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.

To ensure a flexible installation, the converter can be supplied with a fiber handling tray.

Specifications

Interface

- LAN
 - RJ-45 Port: 10/100/1000 Base-T x4 Port
- WAN
 - Fiber Port: Twin-Rate 100/1000 Base-X 1x9 Dual or WDM SC connector
 - Fiber Length: Dual-Type: 20km/40km (SMF); WDM-Type: 20km/40km (SMF)

Standard compliance

- Support IEEE 802.3 10BASE-T
- Support IEEE 802.3u 100BASE-TX/FX
- Support IEEE 802.3ab 1000BASE-T
- Support IEEE 802.3z 1000BASE-X
- Support IEEE 802.3x Flow Control
- Support IEEE 802.1p QoS
- Support IEEE 802.1q VLAN
- 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:
 - 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
 - FX LINK/ACT x1: Blue LED
 - FX Speed x1: Orange/Green LED (1000M/100M)
 - LAN 1-4 LINK/ACT x4: Blue LED Port
 - 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)

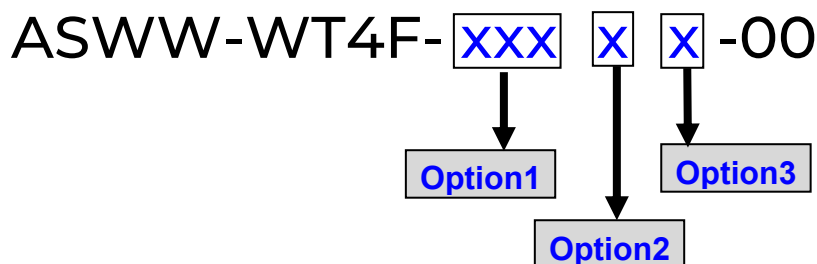
Environmental & Physical

- Installation: Desk Top/Wall Mounting/Magnet Wall Mounting
- Dimension: 115mm x 90mm x 30mm (LxWxH) (without fiber tray)
195mm x 90mm x 30mm (LxWxH) (with fiber tray)
- Operating Temperature: 0~50°C
- Storage Temperature: 0~70°C
- Humidity: 20~80% non-condensing
- Power Consumption: <6W
- Power Input: DC Jack, 12VDC/1A
- MTBF: 100,000 h (25°C)
- Compliance: RoHS
- Certification: CE



Ordering Information

Part Number	Description
ASWW-WT4F-xxxxx-00	L2 Gigabit Ethernet Fiber Switch, Managed 10/100/1000 Base-T x4 Port - 100/1000 Base-X x1 Port Series



Option1:

Option Code	Option Descriptions
131	1X9 Dual SC, 1310nm, SMF 20km
13A	1X9 Dual SC, 1310nm, SMF 40km
351	1X9 Bidi SC, T1310nm/R1550nm, SMF 20km
35A	1X9 Bidi SC, T1310nm/R1550nm, SMF 40km

Option2:

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

Option3:

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

