24-Port 10/100Mbps +
1-Slot 100Base-FX Managed Ethernet Switch

The PLANET WSW-2401A is a 24-Port 10/100Mbps fast Ethernet Switch with 1-Port open slot for 100Mbps Fiber interface which boasts a high performance switch architecture that is capable of providing non-blocking switch fabric and wire-speed throughput as high as 5Gbps. Its optional 100Base-FX fiber slot also offers incredible extensibility, flexibility and connectivity to the Core switch or Servers.

The IEEE 802 standard-based firmware provides a rich set of features and ensures interoperability with equipment from other vendors. Additionally, the firmware includes advanced features such as IGMP snooping, broadcast storm control, and MAC address filtering, to enhance security and bandwidth utilization.

With its built-in web-based management, the PLANET WSW-2401A offers an easy-to-use, platform-independent management and configuration facility. It supports standard Simple Network Management Protocol (SNMP) and can be managed via any standard-based management software as well. For text-based management, the WSW-2401A can also be accessed via Telnet and the console port.

KEY FEATURE

- 24-Port 10/100Mbps TP interfaces

- 1 open slots for 100Base-FX fiber-optic interface connection

- Complies with IEEE802.3, 10Base-T, IEEE802.3u, 100Base-Tx Ethernet standards

- High back-plane bandwidth 5Gbps

- Console/Web/SNMP management

- Configuration backup and recovery

- Per port Ingress/Egress bandwidth restriction

- Configurable spanning tree aging time, STP port configuration

- 12 trunk groups, up to 8 ports per trunk

- Port-based/802.1Q VLAN with 4K VLAN ID

- MAC Binding/Filtering/Learning, configurable MAC Aging time

- 8 mappings ID to 4 priority queues, Support MAC/VLAN/802.1p/Port to CoS mapping

- IGMP snooping and IGMP Query mode for Multi-media application

- Statistic Routing Port

- 1 to many Ingress/Egress Port mirror and Port analysis

- Broadcast/Multicast/Flooded storm control

SPECIFICATION

Product: **24-Port 10/100Mbps + 1-Slot 100Base-FX Managed Ethernet Switch**

Model	WSW-2401A
Hardware Specification	
Network Connector	24-Port RJ-45 for 10/100Base-TX
	1 open slot for 100Base-FX fiber-optic interface
RS-232 connector	One RS-232 DB-9 male connector for switch management
Switch architecture	Store and forward switch architecture.
Switch Fabric	Back-plan up to 5Gbps
MAC address	8K MAC address table with Auto learning function
Shared Buffer	3Mbit
Power requirement	90~240V AC, 50/60Hz,
Operating environment	0 ~50 degree C, 5%~90%RH
Storage environment	-20~70 degree C, 5%~90%RH
Dimension (W x D x H)	440 x 200 x 44 mm
Switch Specification	
Spanning Tree	802.1d, 802.1w
Link Aggregation	12 groups, up to 8 ports per group
Priority Queue	802.1p Class of Service (4 Queues)
Port Mirror	RX/TX/Both
Bandwidth Control	Yes, per port per 64kbps, up to 80Mbps
Strom Control	Per 64kbps, up to 80Mbps
IGMP Snooping	V1, V2
MAC Filtering	Yes
VLAN	Port-Based/802.1q, 4K VLAN ID, 256 groups
Port Analysis	Yes
Static Routing Port	Yes

Management Function	
Management Interface	Console/Web/Telnet/SNMP
SNMP Version	V1, V2c
Support MIB	Support SNMP MIB2 (RFC 1213),
	Bridge MIB(RFC 1493),
	RMON group 1,2,3,9
	Enterprise private MIB
Standard Compliance	
Network Standard	IEEE802.3 10Base-T
	IEEE802.3u 100Base-TX
	IEEE802.3x Flow Control and Back pressure
	IEEE802.3ad Port trunk with LACP
	IEEE802.1d Spanning tree protocol
	IEEE802.1w Rapid Spanning Tree
	IEEE802.1p Class of service
	IEEE802.1Q VLAN Tagging
EMI	FCC Class A, CE

APPLICATIONS

Workgroup Switch:

The WSW-2401A has 24 10/100mbps ports and 1 slot available for an10/100Mbps Ethernet ports optional 100FX module. This switch provides a high performance solution for a variety of user applications.

Department Switch:

For enterprise networks with many data broadcasts, the ideal solution is the WSW-2401A. This switch provides an 5 Gigabits per second, non-blocking switch fabric, and allowing itself to provide high bandwidth for backbone connection.

MTU Switch:

In an MTU/MDU application, the advanced functionality of the WSW-2401A eliminates traditional problems associated with the use of Ethernet. Users can be segregated with advanced VLAN functionality to enhance security, and bandwidth managed with tiered bandwidth provision and control using configurable upstream/downstream restrictions. This, coupled with the flexible 100FX module options makes the WSW-2401A one of the best and most cost-effective switch solutions for Multi-tenant service providers.

ORDERING INFORMATION

WSW-2401A	24-Port 10/100Mbps + 1-Slot 100Base-FX Managed Ethernet Switch
WSW-A1SC	1-Port 100Base-FX Fast Ethernet Module (SC,MM,2km)
WSW-A1ST	1-Port 100Base-FX Fast Ethernet Module (ST,MM,2km)

09-05   C-WSW2401A-1