

8-Port 10/100Mbps Managed Ethernet Switch



The PLANET WSD-800 is an 8-Port 10/100Mbps managed Fast Ethernet switch. All the Ethernet ports comply with IEEE802.3x full-duplex control standard which eliminate packet loss in heavy traffic conditions. The auto-MDI/MDI-X detection function also eases the selection of cable type for devices connectivity.

Its advanced features, such as IGMP snooping, broadcast storm control, MAC address filtering, Virtual LAN, enhanced security and bandwidth utilization fit a variety of applications. Additionally, its standard-compliant implementation ensures interoperability with equipment from other vendors.

With its built-in Simple Network Management Protocol (SNMP) and web-based management, the WSD-800 offers an easy-to-use, platform-independent management and configuration facility. For text-based management, the WSD-800 can also be accessed via Telnet and the console port. It brings the true enterprise class management ability to a desktop as a 19-inch switch.

KEY FEATURE

- 8-Port 10/100Mbps TP interfaces
- Complies with IEEE802.3, 10Base-T, IEEE802.3u, 100Base-Tx
- High back-plane bandwidth 1.6Gbps
- Console/Web/SNMP management
- Configuration backup and recovery
- Per port Ingress/Egress bandwidth restriction
- 802.1d Spanning tree, 802.1w Rapid Spanning Tree
- Configurable spanning tree aging time, STP port configuration
- 4 trunk groups, up to 4 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 8-Port 10/100Mbps Managed Ethernet Switch

Model	WSD-800
Hardware	
Network Connector	8-Port RJ-45 for 10/100Base-TX
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 1.6Gbps
MAC address	8K MAC address table with Auto learning function
Shared Buffer	512K byte
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)	280 x 173 x 44 mm
Switch Specification	
Spanning Tree	802.1d, 802.1w
Link Aggregation	4 groups, up to 4 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	SNMP MIB 2 (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

ORDERING INFORMATION
WSD-800 8-Port 10/100Mbps Managed Ethernet Switch