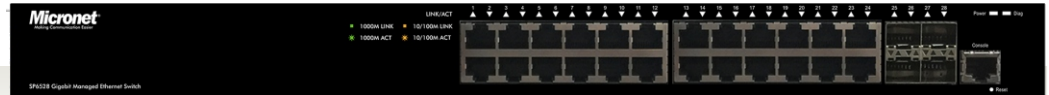




28-Port Gigabit Managed Switch

Model No. SP6528



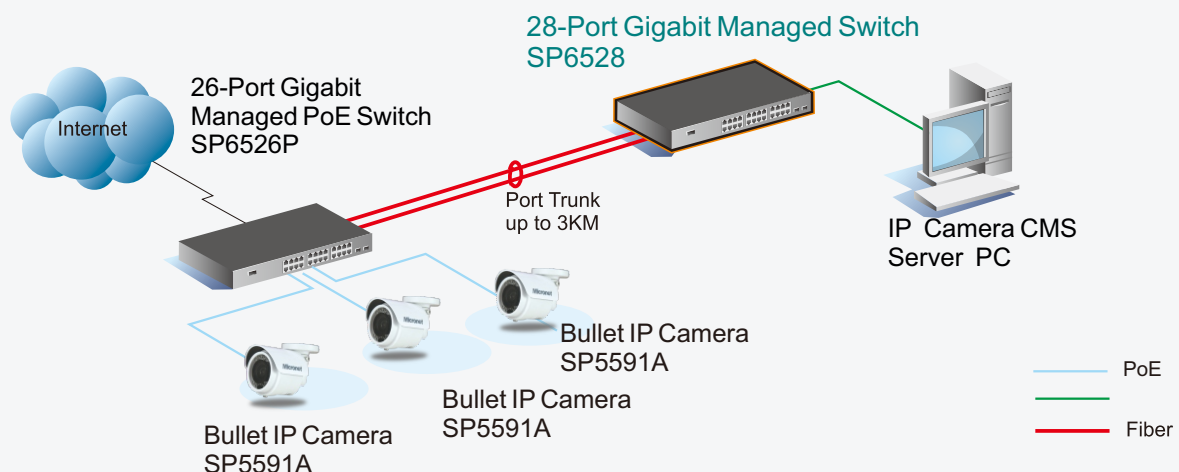
Introduction

Micronet SP6528 Gigabit Managed Switch is a Layer 2+ managed switch with 24 x 10/100/1000Mbps ports and 4 x 1G SFP uplink ports. With 56 Gbps switching performance across all 28 ports, it provides very prompt response time for applications and transmission speed while transferring heavy load of data.

Micronet SP6528 is a very easy to install and user-friendly Gigabit Managed Switch for your infrastructure application. By offering very rich management features, it allows quick deployment, infrastructure expansion with functionality, security, and manageability for different network infrastructure applications. Micronet SP6528 is a perfect and cost effective solution for small and mid size businesses.

Key Features

- **Support automatic Voice VLAN** for quick deployment of VoIP, and IP-based surveillance system
- **Support Link Aggregation (IEEE 802.3ad)** to increase bandwidth by automatically aggregate several links together
- **Support QoS (Port-based/IEEE 802.1p) feature** to preserve network bandwidth and allow maximum control of network resources
- **Support IGMP Snooping and immediate leave features** to prevent flooding of IP multicast traffic and limit bandwidth-intensive of video traffic
- **Support STP ,Reserve STP (RSTP) and MSTP features** to ensure faster recovery from failed links and enhance overall network reliability
- **Allow Telnet, and IPv6 Web interface (both HTTP and HTTPS) access**
- **Support Access Control Lists (ACLs)** restrict access to sensitive network resources by denying packets based on source and destination MAC addresses, IP addresses, and TCP/UDP ports
- **Support IEEE 802.1Q VLAN-segmented broadcast domains** reduce broadcast traffic and increase LAN security and performance
- **Support 802.3az Green-Ethernet** to save power usage when network traffic is low
- **Support console port** for multiple management access through CLI/SNMP/Web/Telnet
- **Support Secure Shell (SSH) & Secure Sockets Layer (SSL/HTTPS)** encrypts Telnet and web access to the switch for secure network management



SPECIFICATION AND PRODUCT FEATURES

Model	SP6528	
Standard	IEEE802.3, 10Base-T IEEE802.3u, 100Base-TX/FX IEEE802.3ab, 1000Base-T	IEEE802.3z, 1000Base-SX/LX IEEE802.3az, Green Saving
Interface	24 x 10/100/1000M RJ45 Ports 4 x 1G SFP Slots	1 x Console Port
Hardware	Min. MIPS(MHZ)-500MHZ, Flash Memory/DRAM/Packet Buffer(MB):32/256/4MB Buffer Memory: 4.1MBit, Mac address:8K Jumbo Frame: 10K Switching Capacity: 56Gbps, Forwarding Rate:41.7 Mpps	
L2 Feature	Auto Negotiation, Auto MDI/MDI-X, Back-Pressure for halfduplex mode IEEE802.3x, Flow Control IEEE802.3ad, Link Aggregation(LACP) -LACP-Trunking Group Number:9 trunk links: Up to 12 ports Port Trunk (Static Link Aggregation) Protocol-based VLAN,Voice VLAN,Private VLAN IEEE802.1q, Tag-based VLAN IGMP Snooping v1/v2/v3, IGMP immediate leave IEEE802.1d, STP, IEEE802.1w, RSTP, IEEE802.1s, MSTP BDPU Filter/Guard, Root Guard, STP Root Guard Dynamic Provision (DHCP Option 66,67), DHCP L2 relay (Option 82)	
L3 Feature	Static ARP	
QoS	Priority Queues:8 Hardware Strict Port Priority Traffic classification based on IEEE 802.1p CoS, DSCP Supports WRR, Strict scheduling, or hybrid mode Rate Limiting:Ingress: Resolution 16 Kbps Egress: Resolution 16 Kbps	
Security	DDOS Protection, CPU Guard, IP Source Guard, RADIUS, TACACS+ Supports IEEE802.1x, Port-based and MAC-based Authentication EAPOL Transparent, Mac Authentication, Web Authentication HTTPS/SSL, SSH v1.5/v2.0,DHCP Snooping ACLs(MAC, VLAN ID, IP, protocol, port, TCP/IP) IPSG(IP-MAC-Port binding for LAN security)	
Management	IPv6 Management(WEB/SSL, Telnet/SSH, SNMP, TFTP, Syslog) Cable Diagnostics, DHCP L2 relay (Option 82) Firmware Upgradable and down gradable via TFTP/HTTP Supports LLDP (802.1ab) and LLDP-MED SNMP(V1/V2/V3), RMON (groups 1, 2, 3, and 9) Port mirroring: one to one and many to one Event log: local flash, syslog, remote server (RFC 3164) and SMTP(RFC 821) Loop detection and prevention, UPnP	
IPV6	IPv4/IPv6 Dual protocol stack IPv6 address type stack: Unicast,Stateless auto configuration ICMPv6,ICMPv6 Redirect(Host),SNMP over IPv6, HTTP over IPv6 DHCPv6 client, Remote IPv6 ping,NTPv6	
Environment	Operating: 0~50°C, Storage: -40~70°C Operating: 10~90% (Non-Condensing)	
Power	AC power 100 to 240 V, Max. System Power Consumption 20 watts	
Dimension	440 x 220 x 44 mm (W X D X H)	
Weight	2.2 kg	
Emission	CE	

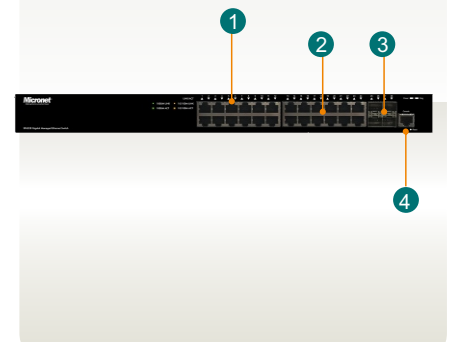
The product specifications are subject to change without prior notice

ORDERING INFORMATION

Model	Description
SP6528	28-Port Gigabit Managed Switch
M363A	1000Base-SX SFP Transceiver, 550M
M363B-X	1000Base-LX SFP Transceiver, X=10KM/20KM/40KM

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28-Port Gigabit Managed Switch

Model SP6528

- ① LED Indicator
- ② Gigabit RJ-45 Port
- ③ SFP Port
- ④ Console Port

COMPANION PRODUCTS

Consider the following Micronet products as a factor in your network planning.

- Ethernet and PoE
- Wireless LAN
- Broadband · ADS & VDSL
- Network Video Surveillance
- Network / Server / Appliance
- Network / Structured Cabling

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