

POE-16MB2GE

16 Port PoE Switch



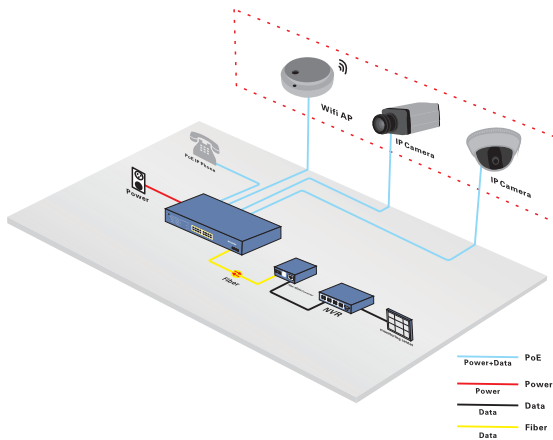
- Fully IEEE802.3af/at standard compliant
- Support PoE power up to 15.4W/30W for each PoE ports
- Auto detect powered device(PD)
- Safe and reliable power to most of PoE end device
- 10/100Mbps Supported

System Overview

This 16 port PoE-capable Switch, provides power and data using built-in IEEE 802.3af/at PoE on all 16ports. In addition, the POE-16MB2GE offers an intuitive Web based management tool for quick and easy deployment and configuration making it ideal for deploying access points, VoIP phones and IP-based surveillance cameras.



Diagram



Specifications

Network Standards	<ul style="list-style-type: none"> • IEEE802.3i 10BASE-T • IEEE802.3u 100BASE-TX • IEEE802.3X Flow Control • IEEE802.3af/at Power over Ethernet
PoE Power	<ul style="list-style-type: none"> • 15.4 per port(IEEE802.3af) /30W per port (IEEE802.3at) • Wiring:Data provided over pairs over1/2 and3/6 • Cable:Unshielded UPT cat.5 or higher
Processing types	<ul style="list-style-type: none"> • Store-and-forward • Half-duplex back pressure and IEEE802.3x full-duplex flow control
Address database Table Size	<ul style="list-style-type: none"> • 8000MAC address
Buffer memory	<ul style="list-style-type: none"> • 3MB embedded memory per unit
Network Latency	<ul style="list-style-type: none"> • Less than 20us for 64-byte frames in Store-and-forward mode for 100Mbps to 100Mbps transmission
Administrative Switch Management	<ul style="list-style-type: none"> • -IEEE802.1 Q static VLAN (128 groups,static) • -IEEE802.1p Class of service (CoS) • -Port based QoS • -DSCP-based QoS • -IEEE802.3 and link aggregation (Manual or LACP) • -IEEE802.1 D Spanning Tree Protocol • -SNMP v1,V2c,v3 • -RFC 1213 MIB II • -RFC 1643 Ethernet interface MIB • -RFC 1493 bridge MIB • -RMON Group 1,2,3,9 • -RFC 2131 DHCP client • -IEEE802.1x • -Port-based security by locked MAC addresses • -MAC ACL • -Storm control for broadcast,multicast and unicast packets
Network ports	<ul style="list-style-type: none"> • 16 10/100 Mbps auto-sensing Fast PoE Ethernet Ports • 4 10/100/1000 Mbps auto-sensing Gigabit uplink Ports
	<ul style="list-style-type: none"> • Ethernet switching ports (RJ-45)
	<ul style="list-style-type: none"> • -2 Dual Personality SFP ports