

8-Port 10/100Mbps + 2G TP / SFP Combo PoE Managed Switch



Advanced Features and Centralized Power Management for SMB and Public Service PoE Networking

The PLANET FGSD-1022P PoE Switch features IEEE 802.3af Power over Ethernet (PoE) function, which optimizes the installation and power management of network devices such as wireless access points (AP), Voice over IP (VoIP) phones and security video cameras. IEEE 802.3af PoE helps to reduce installation costs of add-in network productivity devices. It frees the wireless AP deployment from restrictions of power outlet locations. With PoE features, power and data switching are integrated into one unit and delivered over a single cable, eliminating costs for additional AC wiring and reducing installation time.

Full-Functioned / Robust Layer2 Features

The FGSD-1022P can be programmed for basic switch management functions such as port speed configuration, Port aggregation, VLAN, Spanning Tree protocol, QoS, bandwidth control and IGMP Snooping. It provides IEEE 802.1Q Tagged VLAN and the VLAN groups allowed on the FGSD-1022P will be maximally up to 256. Via aggregation of supporting port, the FGSD-1022P allows the operation of high-speed trunk combining multiple ports. Maximum up to 8 ports can be assigned for 13 trunk groups and it supports fail-over as well.

- 802.3af Power over Ethernet
- 802.1Q VLAN
- DHCP Relay & DHCP Option 82
- IGMP Snooping
- 802.1s Multiple Spanning Tree
- TOS/DSCP QoS
- SNMP and SNMP Trap
- Access Control List
- 802.1X Authentication / RADIUS
- SSL

Full PoE Power Switch for Centralize Power Management

Provides 8 PoE in-line power interface, the FGSD-1022P PoE Managed Switch offers totally 180Watts for 8 PoE port and it can easily build a power central-controlled IP phone system, IP Camera system, or wireless AP group for the enterprises. For instance, 8 IP cameras or APs can be easily installed in the company for surveillance demands or build a wireless roaming environment in the office. Without the power-socket limitation, the PoE Switch makes the installation of cameras or WLAN AP more easily and efficiently.

Excellent Traffic Control

The PLANET FGSD-1022P is loaded with powerful traffic management and QoS features to enhance services offered by Service Providers. The functionality includes QoS features such as wire-speed Layer 4 traffic classifiers and bandwidth limiting applications that are particular useful for multi-tenant unit, multi business unit, Telco, or Network Service Provider. It also empowers the enterprises to take full advantages of the limited network resources and guarantees the best performance in VoIP and Video conferencing transmission.

Powerful Management and Easy To Use

For efficient management, the FGSD-1022P is equipped with console, WEB and SNMP management interfaces. With its built-in Web-based management interface, the FGSD-1022P 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. For text-based management, the FGSD-1022P can be accessed via Telnet and the console port. Moreover, the FGSD-1022P offers secure remote management by supporting SSL connection which encrypts the packet content at each session.

Powerful Security

The PLANET FGSD-1022P offers comprehensive Access Control List (ACL) for enforcing security to the edge. Its protection mechanism also comprises Port-based IEEE 802.1x user, Web Authentication user and device authentication. The Port-security is effective in limiting the numbers of clients pass through so that network administrators can now construct highly secured corporate networks with considerably less time and effort than before.

Flexibility and Extension solution

The two mini-GBIC slots are compatible with 1000Base-SX/LX and WDM SFP (Small Form Factor Pluggable) fiber-optic modules. The distance can be extended from 550 meters (Multi-Mode fiber cable) up to 10/30/50/70/120 kilometers (Single-Mode fiber or WDM fiber cable). They are well suited for applications within the enterprises data centers, distributions or remote PoE equipments data link.