



Features

- Layer 2 Managed PoE Switch
- Supports the IEEE802.3af, IEEE802.3at, and Hi-PoE Standards
- 240 W PoE Budget • 250 m (820ft) PoE Transmission
- PoE Management, PoE Seng/Event Stacs/Green PoE
- Search and Upgrade via Confi gura on Tool
- High Lightning Protect on Design
- Non-blocking Video Transmission

PoE 2.0 New Features

24 hours detect and auto-recover IP cameras



Auto-detect camera status "Crash"
Power ON/OFF camera
Auto-recovery



Auto-solve 99% camera crash issue



Non-suspend CCTV enabled



Save 95% human labor from maintenance

PoE 2.0 New Features

250M Long Distance PoE: Breakthrough PoE distance limitation

Long Distance PoE Installation can also be convenient and cost -saving

Normal Switch



100m



Grey|Line Switch



250m PoE via UTP



1000m PoE via coaxial

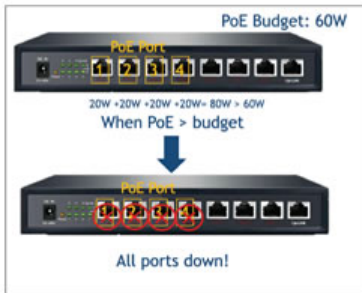


PoE 2.0 New Features

Intelligent PoE: Granular management on PoE power supply

Guarantee Power Supply for VIP Ports (Small port number)

Normal Switch



Grey|Line Switch



Specification

| Technical Specification | |
|-------------------------|--|
| Ethernet Port | 2*10/100/1000 Base-T (Combo port) 2*1000 Base-X (Combo port) 16*10/100 Base-T (PoE power supply) |
| PoE Power Consumption | Port1/2 support Hi-PoE (60W), PoE+, PoE Each power 30W Total 240W |
| PoE Protocol | IEEE802.3af, IEEE802.3at, Hi-PoE |
| Switching Capacity | 8.8G |
| Packet Forwarding Rate | 5.36Mpps |
| Humidity | 10%~90% |
| Power | AC 100~240V |
| Lightning Protection | Common Mode 4KV Differential Mode 2KV |
| Working Temperature | 10~55 |
| Weight | 3.51kg |
| Dimension(W×D×H) | 440mm x300mm x44mm |
| Accessories | |
| Model | |
| PFT3950 | 1.25G 850nm,500m,LC, Multi-mode |
| PFT3960 | 1.25G 1310/1550nm,20km,LC, Single-mode |
| PFT3970 | 1.25G 1550/1310nm,20km,LC, Single-mode |
| Service Characteristics | |
| System | Username / password: admin/admin IP Address :192.168.1.110/24 |
| PoE Budget | 240W |
| MAC Table | 4K |
| VLAN | 802.1Q Standard VLAN |
| Spanning Tree | STP RSTP |

| | |
|--------------------|--|
| Port Aggregation | Static link aggregation LACP protocol |
| Mirroring | Many-to-one port mirroring |
| DHCP | Support DHCP-Client |
| Long Distance Mode | "Power & Data" transmission distance up to 250m |
| Flow Control | Half-duplex based on back pressure type control; Full duplex based on PAUSE frame |
| Security Features | IP+MAC binding based on port; IEEE802.1x port authentication |
| System Maintenance | One-key recovery Support the updated packet upload System log |
| QoS | High and low priority, WRR 802.1P, DSCP Support priority according to protocol |
| Network Management | WEB(http and https protocol) Support SNMP V1/V2C/V3 |
| PoE Management | PoE setting (real-time port consumption) PoE event statistics Green PoE |