

## MODEL ATC-505P

## 5-Port 10/100M Ethernet PoE Switches

## ATC-505P User's Manual

## 1.0 Introduction

ATC - 505P is a network management products, POE switches provide five 10/100M adaptive ports, each port are support MDI/MDIX auto-reverse function, and can achieve wire-speed forwarding. 4 ports have a POE switch function, support IEEE802.3 af/ats standard, can be used as Ethernet power supply equipment, dual mode can automatically detect identification in accordance with the IEEE 802.3 af/ats standard of electrical equipment, and through the cable for the power supply.



ATC-505P

## 2.0 Feature

ATC-505P supports IEEE802.3af / at standard power supply up to 100 m, for 802.3af / at terminal equipment power supply, so no need to worry about damage to the standard PoE or non-PoE devices. In addition, when it is not connected PoE devices will stop power supply. Simple, intelligent, reliable design, automatic identification of PoE powered device, use AutoUplink™ network cable type. ATC-505P affordable price provides some need to simplify wireless access point (AP) and the installation of IP-based network camera business network. These devices away from the power socket is ideal for hanging on the wall or ceiling height, PoE solution eliminates the hassle for these devices specially electrical outlets. AC power connection so difficult device more flexible.

- Ø Support 5 100BaseTX or 4 100Base TX + 1 FX
- Ø Support 1K MAC address entry
- Ø 448K bits packet buffer memory
- Ø Support Auto MDI-MDIX function

- Ø Two Priority queues per port
- Ø Support 802.1p & DiffServ based QoS □
  - Port base
  - 802.1p
  - IP DiffServ IPV4/IPV6
  - TCP/UDP port number
  - Pins configure ports priority (VIP port)
- Ø Support broadcast storm protection
- Ø Support port mirror function
- Ø Support 16 VLAN (IEEE Std 802.1q)
  - Port-based/Tagged-based VLAN
  - Support insert, remove tag
- Ø Support port trunking (LACP)
- Ø 4 port supports standard IEEE802.3at/af power supply
- Ø Each port power supply up to 15.4 W
- Ø 100M support IEEE802.3az at full duplex
- Ø 10M only support 10BaseTe

## 3.0 Application

- Ø Wireless AP layout transmission and power supply
- Ø Hd network monitoring transmission and power supply

- Ø Freeway monitoring system
- Ø Electronic road monitoring system
- Ø Network telephone transmission and power supply
- Ø Enterprise security monitoring system
- Ø Smart Home system

#### 4.0 Installation steps

- Ø Before installation, please turn off the signal source and the power of the display device, the electric installation may cause damage to transmission equipment.
- Ø Assembling a power adapter and power cord.
- Ø Plug the power of the DC connector into the DC port on the switch.
- Ø Use cable to connect the POE terminal device and switch the POE network interface.
- Ø Connect the ATC-505 port uplink and the upper switch or the control host.
- Ø Check the wiring and insert the plug into the 220V power socket.
- Ø Check ATC-505 switch indicator is normal.
- Ø Check that POE terminal equipment work is normal.

#### Notice:

ATC - 505P is the default mode of power supply 1/2(+), 3/6(-) line of power supply (can be customized to 4/5(+), 7/8 (-)power supply), please confirm your POE before buying by electrical terminal equipment support mode of power supply, power supply mode of the two must match, otherwise unable to supply.

#### 5.0 Panel view and indicators

ATC-505P (RJ45\*5)



PWR: Power indicator

Link: Link indicator

POE: POE status indicator

Port1-4 port supports POE function,

Port5 is Uplink ports do not support POE function

#### 6.0 Application Connection



#### Order Information

ATC-505P 4-Pot 10/100M Ethernet PoE Switches(5RJ45)  
 ATC-505PF 4-Pot 10/100M Ethernet PoE Switches(4RJ45+1Fiber)

#### Contact us

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