

# User Manual

## Unmanageable Fiber Switch 10/100/1000Mbps 2Fiber and 8RJ45 ports



### ● Introduction

This unmanageable fiber switch is a fast Ethernet

transmission device, compare with normal switch, it is transmitted by fiber optic cable for faster and anti-interference.

10/100/1000Mbps adaptive fast Ethernet fiber switch, with 8 internal 10Mbps/100Mbps/1000Mbps ports, 10Base-T, 100Base-Tx twisted-pair signal and 1000Base-Fx fiber signal can be inter-converted independently. It can reach 120km (single mode and duplex),

## ● Purchasing Guide

Single mode, single fiber: 1310nm/1550nm, 20/40/60/80/100km

Single mode, dual fiber: 1310/1550nm, 20/40/60/80/100km

Multi-mode, dual fiber: 1310nm, 2km

## ● Features

- Adapt 10Mbps,100Mbps to 1000Mbps, easy for updating.
- Flow control, to reduce packets.
- Offer 4 independent 10M/100Mbps adaptive exchanged twisted-pair ports, achieve backup and multiple access
- Support Vlan, and different units link.
- Full-duplex and half-duplex transmission can support automatic negotiate and cross twisted-pair cables,easy for installing.
- Support max 1552byte MTU.
- Support QoS, VOIP transmission
- Support STP Spanning Tree, redundant Network.
- Low power consumption, low heat,long time stable performance

## ● Application

10/100/1000Mbps Ethernet long distance fiber transmission

## ● Specification

Type	Feature
Data Rate	10/100/1000Mbps
Standard	IEEE802.3 10Base-T Ethernet,IEEE802.3u,100Base-TX/ FX Fast Ethernet, IEEE802.3x Flow control,IEEE802.1q VLAN,IEEE802.1p QoS,IEEE802.1d Spanning Tree
Wavelength	850nm/1310nm/1550nm
Reach	2/20/40/60/80/100Km Cat 5 cable: 100m
Port	8-RJ45 ports: TP/UTP Cat 5 cable 2Fiber ports: multimode SC/ST/LC/FC(50,62.5/125μm) Single mode SC/ST/LC/FC(9/125μm)
Mode	Media conversion, store and forward
MAC address	1 K
Buffer space	1Mbit
Flow control	Full-duplex: flow control, Half-duplex: back pressure
Delay	9.6us
Bit error rate	<1/1000000000
MTBF	100 thousand hours
LED indicator	POWER,FX LINK/ACT FDX TP 1/2/3/4/5/6/7/8 LINK/ACT TP 1/2/3/4/5/6/7/8100
Power	DC5V 3A
Power consumption	3.5W

Temp.	-10~55℃
Humidity	5%~90%
Storage temp	-40~70℃
Storage humidity	5%~90% no condensing
Dimension	216mm*108mm*28mm

### ● Packing List

Unmanageablefiberswitch	1piece
DC5V3Apoweradapter	1piece
User manual	1 piece