

4*10/100M Fiber Media Converter

Model: AZ-100M-4TX-VLAN



Product function:

AZ-100M-4TX-VLAN is high performance Ethernet Access equipment developed by Azmoon Communication Device co., Ltd. The device could support four 10/100Mbps Ethernet copper ports and one fiber optic port. It could realize functions including port status checking, port priority setting, port bandwidth setting from 0 to 100Mbps, port isolation setting, etc. AZ-100M-4TX-VLAN could support CONSOLE management through RS232 port. The inside power supply module make the device both compact and easy using

Product feature:

- Four 10/100Mbps Ethernet Ports and one Fiber port;
- Support IEEE802.1Q tag-based VLAN and port-based VLAN;
- Support port priority setting based on IEEE802.1P;
- Support bandwidth management;
- Support CONSOLE management through RS232 port;
- Support IEEE802.3, IEEE802.3u, IEEE802.3z protocols;
- Inside MAC Address list which store up to 1024MAC address;
- Legal Maximum Packet size up to 1916 bytes;
- Ethernet ports support 10Mbps,100Mbps,or 10/100Mbps,half/full duplex auto-negotiation;
- MDI/MDI-X auto-crossover on the Ethernet ports;
- Fiber port support dual fiber or bi-directional (WDM);
- Fiber transmission distance up to 120Km;
- Power support AC 90~260V or DC -48V;

100Base-FX Optical interface:

Adopt standard 1*9 pin optical transceiver module;
Wavelength: 850nm or 1310nm in multi-mode, and
1310nm or 1550nm in single-mode;
Up to 120km transmission distance in single-mode;
SC/ST/FC optical connectors are selectable.

Power supply:

working voltage range wide, good
anti-disturb and Isolation, work stable
Option I – DC-48V, range DC-36V~DC-72C
Option II – AC220V, range AC165V~AC240V
Power Consumption: <=3 Watts

10/100Base-TX:

Link speed: 10/100Mbps auto-negotiation;
Duplex mode: Half/Full duplex auto-negotiation;
Connectors: RJ45;
Support automatic MDI/MDI-X crossover.

Environment condition:

Operating temperature: 0C~+50 C
Storage temperature: -20 C~+70 C
Relative temperature: 95% (uncondensed)

Dimension

210mm (L) 140mm (W) 30mm (H)

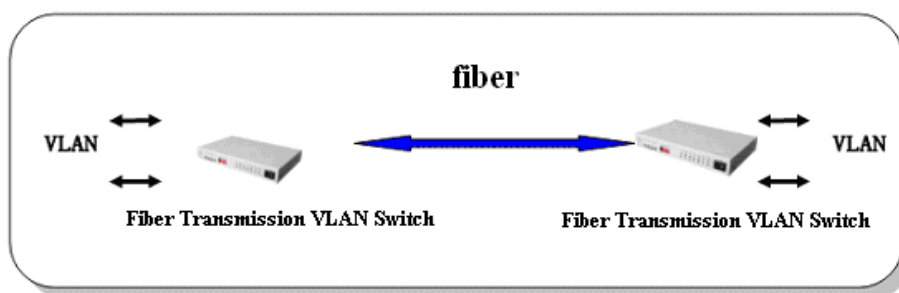
Order information:

AZ-100M-4TX-VLAN-2	Dual fiber, Multimode 2Km
AZ-100M-4TX-VLAN-20	Dual fiber, Single-mode 20Km
AZ-100M-4TX-VLAN-40	Dual fiber, Single-mode 40Km
AZ-100M-4TX-VLAN-60	Dual fiber, Single-mode 60Km
AZ-100M-4TX-VLAN-80	Dual fiber, Single-mode 80Km
AZ-100M-4TX-VLAN-BI-20	Bi-directional, Single-mode 20Km
AZ-100M-4TX-VLAN-BI-40	Bi-directional, Single-mode 40Km

Application:

Application 1:

This application is used to connect 2 LAN. Widely apply in LAN extending for government, bank, corporation, etc...

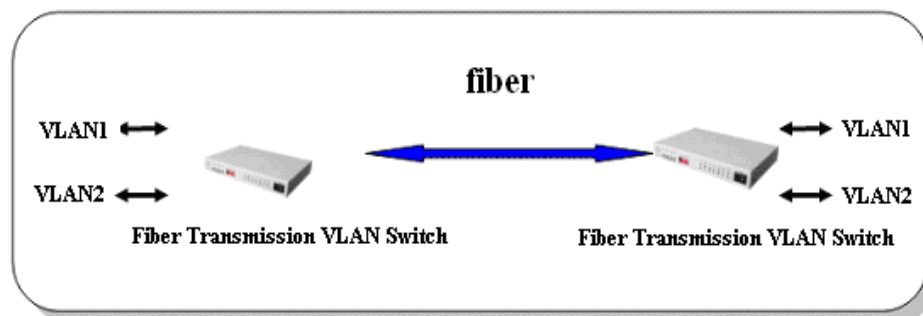


Application 1

Application 2:

This application is mainly used in the businesses such as government, bank, corporation, etc...

VLAN1 and VLAN2 isolate each other in business, allowed to transmit different kind businesses.



Application 2