

Ikshu

Ikshu 100-Bd-X 10/100mbps Single / multi mode Fiber Media Converter

Ikshu 100Bd-X Serial **10/100M Fiber Media Converter** translates the signal from a twist-pair 10/100Base-TX cable to 100Base-FX fiber optic cable, extends data transmission distance from 100m via copper cables to 120km by fiber optic cable

Features

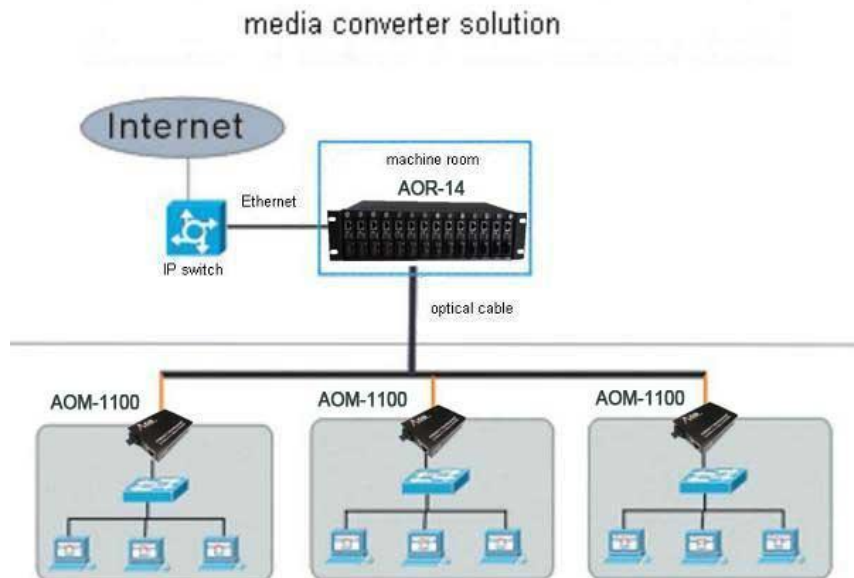
- 10/100Mbps auto-sensed, easily upgrade
- Full-duplex and half-duplex auto-sensed
- MDI/MDI-X Auto Negotiation
- 10/100Mbps store-and-forward
- 100Mbps cut-through transmission
- Packet size up to 1518bytes
- Supporting VLAN / VoIP /QoS packets
- Support flow control and reduce broadcast packets
- Supporting STP to form a redundant network
- Extremely low power consumption, low heat, stable performance
- Providing Desktop, Wall-mounted, Chassis, DIN-rail installation





Application

1. Network Communication
2. FTTH / FTTB / FTTx
3. ISP Backhaul Networking



Technical Indexes

Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u 100Base-TX/FX Fast Ethernet
Data Rate	Copper: 10/100M; Fiber: 155M
Flow control	Full duplex: flow control; Half duplex: back pressure
Copper Port	No.s of Copper Port: 1 Connector: RJ45 Connector Distance:100m
Fiber Port	No.s of Fiber Port: 1 Connector: SC as default, FC/ST optional Wavelength: MMF 1310nm. SMF: 1310nm. Bi-di 1310/1550nm

	Distance: MMF 2Km, SMF 20/40/80/100/120Km, Bi-di 20/40/80/100Km
LED indicators	PWR (power supply); FL/A (optical link/action) FDX (FX full duplex), TL/A (twisted pairs link/action) 100 (100M transmission rate of twisted pairs), FX (100M transmission rate of optical fiber)
Power supply	Working power: DC5V 1A AC Power Supply: 100V~ AC240V to 5V1A Or DC Power Supply: -36~-72V to 5V1A External / Internal Power Supply Optional
Power consumption	<3W
Environment	Operating temperature : -10~55°C Storage Temperature: -40~85°C Relative Humidity: 5% to 95% non-condensing
Dimensions	External: 94mmx70mm*26mm Internal: 140mmx110mmx30mm
Gross Weight	External : 0.4kg Internal: 0.5kg



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