

AOM-3100-F 10/100/1000M SFP Media Converter Series

Overview

AOM-3100-F series 10/100/1000M SFP slot media converter are designed for network interface upgrade or network re-design. It can implement data pair electrical signals and optical signals (SFP module).

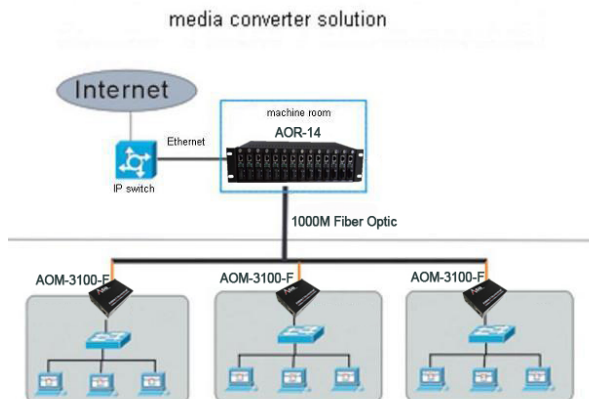


Features

- Compliant with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-TX, IEEE 802.3z 1000Base-FX Standards.
- Provide one 10/100/1000Base-T port with RJ-45 connector, one SFP Slot socket.
- Full-duplex and half-duplex auto-sensed
- Supports Auto MDI / MDI-X function
- Supporting the transmission of extra-long VLAN packets
- Supporting Quality of Service (QoS) and ensuring the transmission of VoIP packets
- Supporting STP to form a redundant network
- Front panel Diagnostic LED Indications

Application

10/100/1000M Ethernet long-distance transmitting network



Technical Indexes

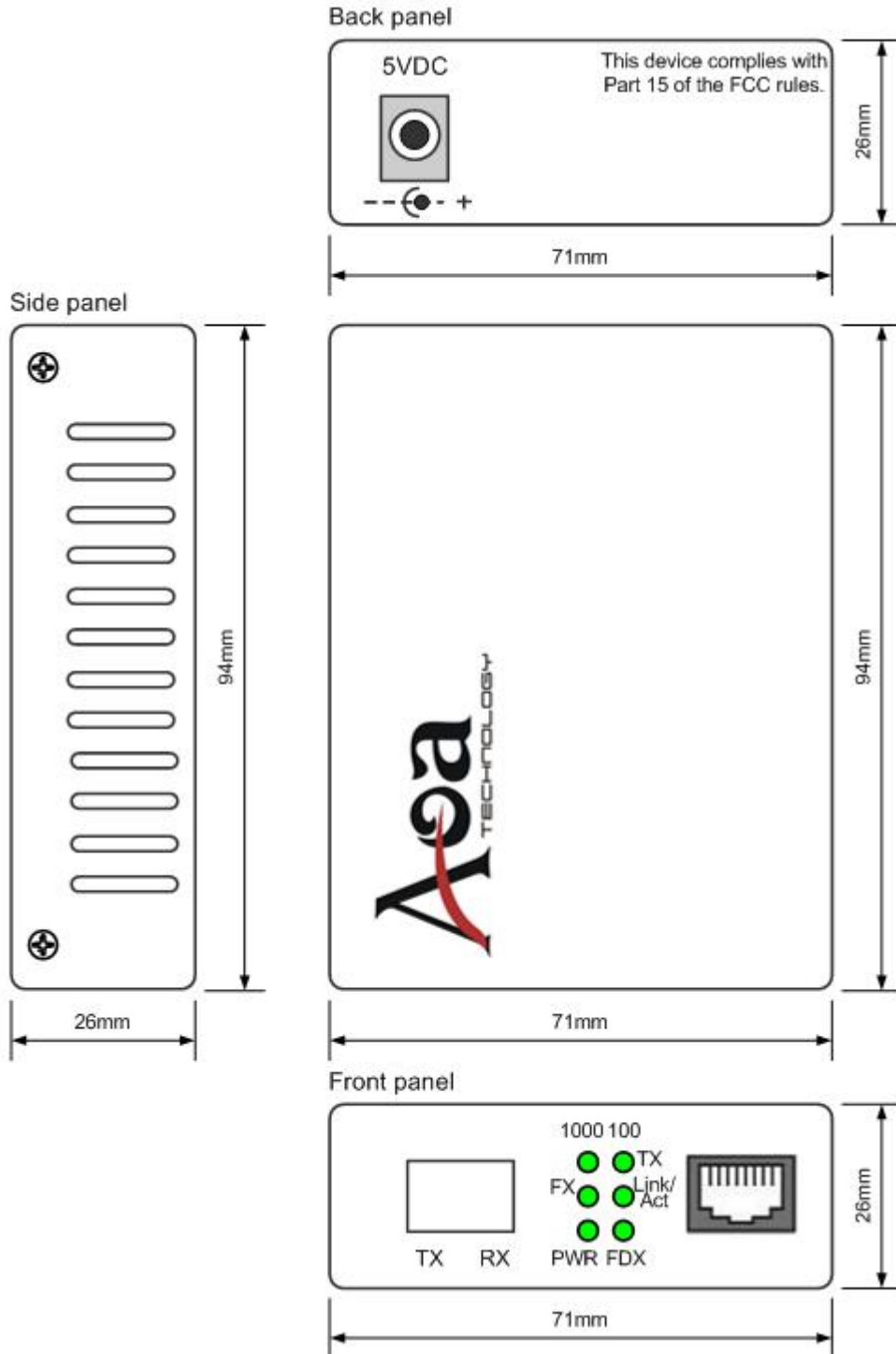
Parameter	Specifications
Access mode	10/100/1000Mbps Gigabit Ethernet
Standard	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-TX, IEEE 802.3z 1000Base-FX, IEEE802.3x Flow control
Wavelength	850nm/1310nm/1550nm
Transmission distance	Up to SFP module
Port	One RJ45 connector, connected One SFP Socket
Conversion means	Media conversion
Delay	<10us
BER	<10 ⁻⁹
MTBF	100,000 hours
LED	PWR (power supply); FX LINK/ACT (optical link/action) FDX (FX full duplex); TP LINK/ACT (twisted pairs link/action) TP 1000 (1000M transmission rate of twisted pairs), TP 100 (100M transmission rate of twisted pairs)
Power	AC220 0.5A/DC-48 (built-in)
Power consumption	5W
Operating temperature	-10~55°C
Operating humidity	5%~90%
Maintaining temperature	-40~70°C
Maintaining humidity	5% ~ 90% non-condensing
Dimensions	94mm *71mm * 26 mm (external power supply)



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Actuating Optical Advances

Mechanical Dimensions



Order Information

The SFP Transceivers Installed In The Media Converter

Part No.	Description	Fiber port	Wavelength	Distance
AS-1285L-S5	1.25G SFP SX MM	LC	850nm	550m
AS-1213L-20	1.25G SFP LX SM	LC	1310nm	20 Km
AS-1213L-40	1.25G SFP LX SM	LC	1310nm	40 Km
AS-1215L-80	1.25G SFP ZX SM	LC	1550nm	80 Km
ASB-1235L-20	1.25G SFP SM BIDI	LC/SC	A :Tx1310/Rx1550nm	20 Km
ASB-1253L-20			B:Tx1550/Rx1310nm	
ASB-1235L-40	1.25G SFP SM BIDI	LC/SC	A :Tx1310/Rx1550nm	40 Km
ASB-1253L-40			B:Tx1550/Rx1310nm	
ASB-1235L-80	1.25G SFP SM BIDI	LC/SC	A :Tx1310/Rx1550nm	80 Km
ASB-1253L-80			B:Tx1550/Rx1310nm	