

AOM-1104

Fast Ethernet Media Converter

10/100M 1FX4FE



Overview

AOM-1104 is Fast Ethernet Media Converters, which extend the 10/100Mbps twisted-pair network segments up to 120km over fiber technology. The series media converter is compact and cost-effective design, provide 4-port 10/100Mbps auto negotiation RJ45 connector and 1-port 155Mbps full-duplex on the fiber port with SC/FC/ST interface optional. It's widely used in security monitoring, wireless networking, optical fiber access and other application scenarios.

Features

- 4-port 10/100M auto-negotiation RJ45 with auto-MDI/MDI-X
- Fiber port provides SC/FC/ST, multi-mode/single mode optional
- Full duplex and Half duplex operation with IEEE 802.3x flow control
- Support broadcast filtering,MAC address automatic learning and updating
- Support QoS, VoIP packet transparent trans
- 2048bytes maximum packet length
- LED indicators for working status
- Support hot plug and play
- -20~60°C working temperature
- ESD,surge protection
- IP30 enclosure
- Wall-mounted Installation with optional kits
- Low power consumption, lead-free process
- CE/FCC/ROHS compliance

Technical Specifications

Performance	
Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3x
Data forwarding	Store and Forward
Switch capacity	1Gbps
Packet forwarding Rate	0.744Mpps
MAC address	2k
Buffer Space	512Kbit
Flow Control	support
Max. Packet Length	2048bytes
Interface	
Copper Port	4x 10/100M Auto-negotiation, RJ45 auto-MDI/MDI-X Cat5/Cat5e/Cat6, ≤100m
Fiber Port	155M SC/FC/ST optional OS1/OS2 ≤120km; OM1/OM2 ≤2m
LED indicators	
Status	PWR, Fiber Link/Act, Copper Link/Act
Electrical characteristics	
Input Voltage	5Vdc
Power Consumption	<2W
Power Port	DC socket, φ2.5mm
Power Adaptor	100~240Vac (-48Vdc Optional) 50/60Hz input, 5Vdc 1A output
Physical characteristics	
Dimension	94x71x26mm
Installation	Wall-mounted (Optional kits)
Enclosure	Metal IP30
Environment	
Working Temperature	-20~60°C
Storage Temperature	-40~85°C
Relative Humidity	5%~95% (no condensation)
Certification	
Safety	EN62368
EMC	EN55032, EN55035, FCC Part 15 Subpart B Class A IEC61000-3-2, IEC 61000-3-3, IEC61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC61000-4-6, IEC61000-4-8, IEC61000-4-11
Reliability	IEC 60068-2-6, IEC 60068-2-27, IEC 60068-2-32
ROHS	ROHS 2.0

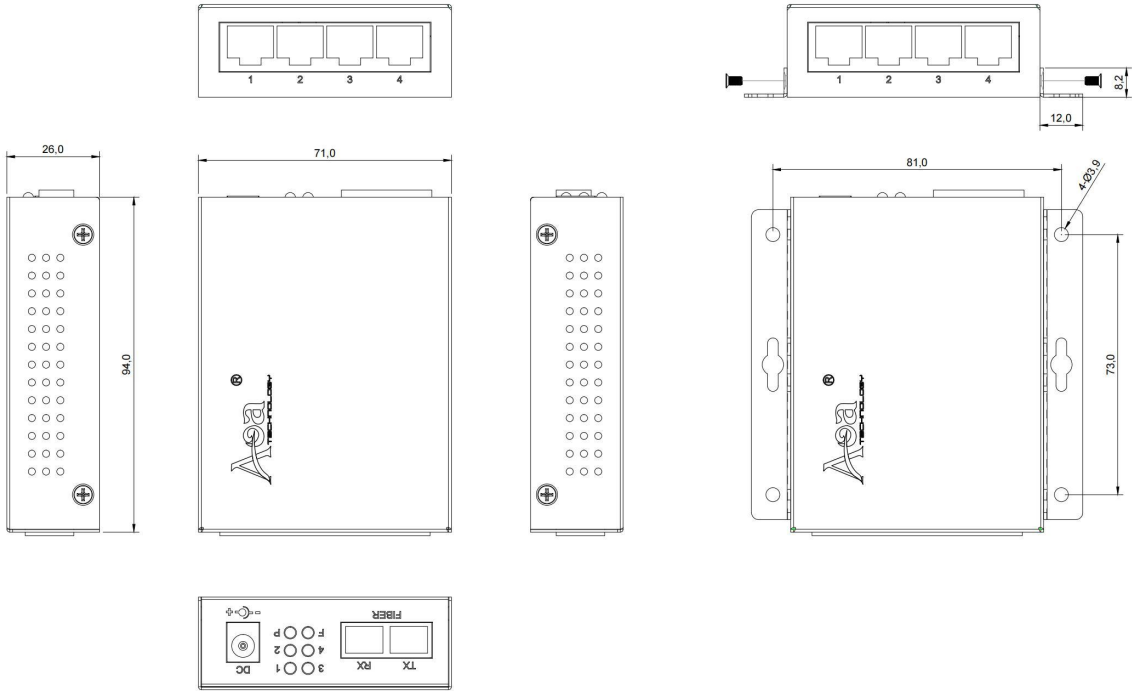
Order Information

Model	Description
AOM-1104-M02	10/100M 4-RJ45, MM 1310nm SC 2km
AOM-1104-S20	10/100M 4-RJ45, SM 1310nm SC 20km
AOM-1104-A20	10/100M 4-RJ45, SM TX1310/RX1550nm SC 20km
AOM-1104-B20	10/100M 4-RJ45, SM TX1550/RX1310nm SC 20km
FC/ST available; 40/60/80/120km available.	

Related Products

Model	Description
Installation Accessories	
TK10	Wall-mounted kits, 87x12x8.2mm, hole L=73mm ϕ 3.0mm

Structure diagram (mm)



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