


Item	10G Media Converter
Model No.	AOM-5100
Description	10G/5G/2.5G/1G/100M copper to 10GBASE-X SFP
	

Overview

AOM-5100 is a 10G Media Converter provide 10G/5G/2.5G/1G/100Base-T auto-negotiation port and one 10GBASE-X SFP+ Slot. It transparently connects 10G Ethernet links over multi-mode or single- mode fiber,including CWDM/DWDM wavelength.

The SFP slot on the AOM-5100 Media Converter allows for flexible network configurations to meet any requirement using a variety of MSA compliant SFP, provide by AOA, Cisco, or other manufacturers; the extended distance reach 80km.

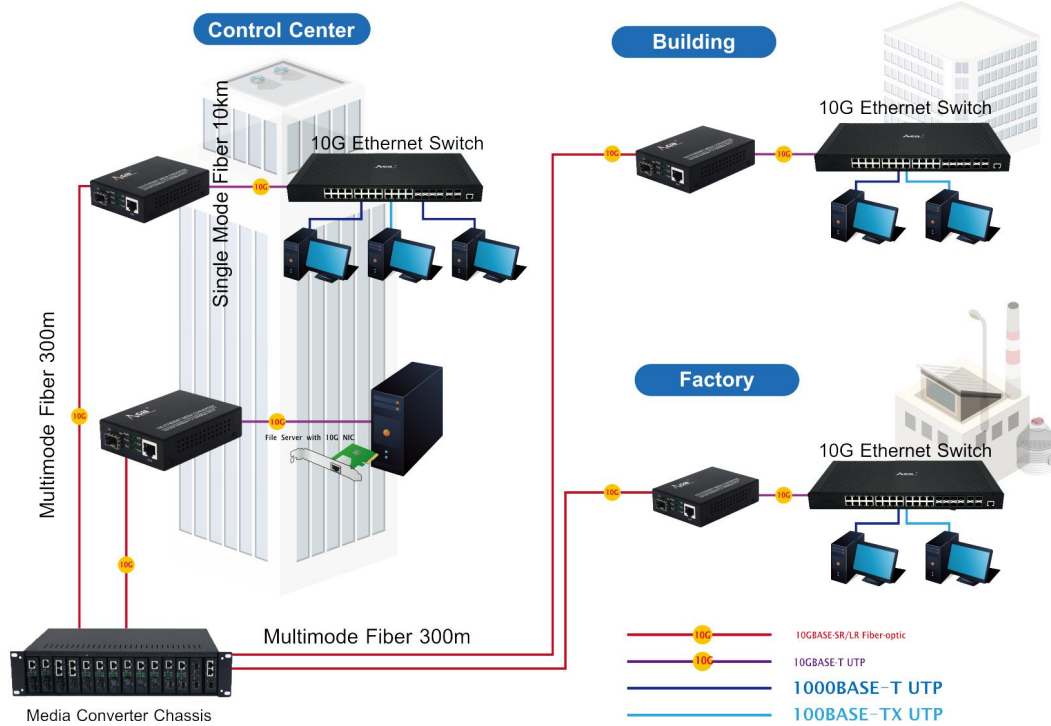
AOM-5100 10G Media Converter is designed for high bandwidth network needs: campus networks,data centre cloud computing,enterprise backbones and carrier infrastructure

Features

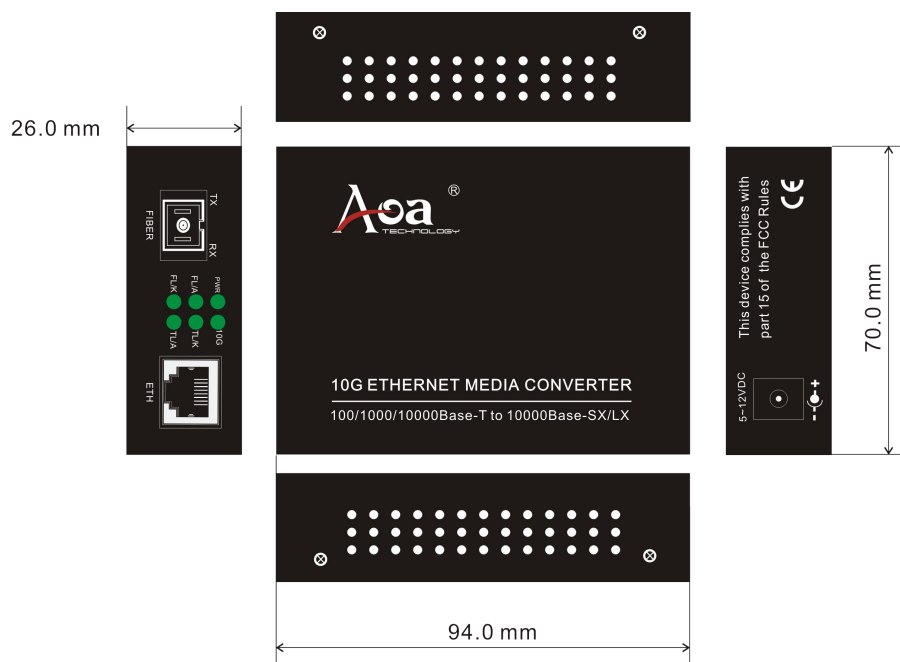
- 10GBASE-X SFP+ MSA compliant
- 10G/5G/2.5G/1G/100Base-T RJ45 interface with MDI/MDI-X function
- 100M half/full duplex and 1/2.5/5/10G full duplex mode
- 16K Jumbo frame
- 2KV Surge protection on copper and 4KV surge protection on DC power input
- 5-12VDC working voltage
- Auto-media detect for copper or fiber media plug-and-play
- Desktop, Wall-mounted, 2U 19" 14-slot rack-mounted installation
- Extremely low power consumption,fan-less and stable performance

Application

- Enterprise Switches with 2.5G/5G/10G capabilities
- Data Center 10GBASE-T Switches and Servers
- ISP Backhaul Networking, 802.11ac Access Point backhaul



Mechanical Dimensions (For external power adaptor type)



Technical Indexes

Standards	IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3bz 2.5G/5GBase-T IEEE802.2an 10GBase-T IEEE802.3ae 10Gpbs Ethernet IEEE802.3x Flow control
Performance	Processing Type: Store and Forward Back Bandwidth: 20Gbps Time Delay: <5us Jumbo Frame: 16Kbytes
Copper Port	Data Rate: 10G/5G/2.5G/1G/100/10Base-T Auto-negotiation Connector: RJ45, Auto MDI/MDI-X Distance: 100m
Fiber Port	Data Rate: 10G Connector: SFP+ Slot MSA compliant
LED indicators	PWR, 10G Speed, Fiber link, Fiber link Act, Copper Link, Copper Link Act
Electrical	Power requirements: 5-12VDC, 2A Max. Power consumption: <4W, full-loaded Connector: DC socket
EMC Protection	Power port : IEC 61000-4-5 Level 4, 4KV Copper port: IEC 61000-4-5 Level 3, 2KV ESD: IEC 61000-4-2 Level 4 8KV/15KV
Environment	Operating temperature : -10~55°C Storage Temperature: -40~85°C Relative Humidity: 5-95% (no condensation)
Physical Characteristics	Dimension: 94*71*26mm Installation: Desk-top, wall mounting, Chassis Weight: 450g

Order Information

Model No.	Description
AOM-5100	10G/5G/2.5G/1G/100M copper RJ45 to 10GBASE-X SFP+

Relative Product

14 Slot Chassis System For Standalone Type	
AOR-14-2A	14 Slot Chassis with double AC220V Power Supply, for standalone type
AOR-14-2D	14 Slot Chassis with double DC48V Power Supply, for standalone type

10G SFP+ Modules	
SFP-M1085L-03	SFP+ 10G MM 850nm LC 300m
SFP-S1013L-20	SFP+ 10G SM 1310nm LC 20km
SFP-S1015L-40	SFP+ 10G SM 1550nm LC 40km
SFP-S1015L-80	SFP+ 10G SM 1550nm LC 80km
SFP-S1023L-20	SFP+ 10G SM TX1270/RX1330nm LC 20km
SFP-S1032L-20	SFP+ 10G SM TX1330/RX1270nm LC 20km
SFP-S1023L-40	SFP+ 10G SM TX1270/RX1330nm LC 40km
SFP-S1032L-40	SFP+ 10G SM TX1330/RX1270nm LC 40km
SFP-S1045L-40	SFP+ 10G SM TX1490/RX1550nm LC 80km
SFP-S1054L-40	SFP+ 10G SM TX1550/RX1490nm LC 80km

VcA [a^|Aa^A^A^|a^i^aA_ a@a^A^U^V^O^O^S^A [a^|A^|a^ A^ •^i^c^a^k

Qí FcUü/WWWfcöVýLNFcöJÜAT WšVc Uöòšô
Qí FcSü/WWWfcöVýLNFcöSüJU QšöT Uööšô

T [|^A] a } • Ac a |^A } a^i^A^~^ • c