

## DESCRIPTION



- Max. 2M buffer memory built in chip.
- Back pressure flow control for full duplex IEEE802.3 X and half duplex. Automatic identification of MDI/MDI/X cross line.
- High-performance 10Gbps memory bandwidth

The A&G Networks Media converter is offered as a small standalone unit that is not manageable or as a chassis plug-in module that is manageable with a management module installed in the chassis. With both AC and DC power supply, the hot-swappable plug-in modules can be placed in a variety of chassis.

In addition to resolving interface discrepancies between equipment with 10GBASE-T RJ-45 ports and older rack servers or switches with fiber optic ports, A&G Networks offers a range of 10G data center connectivity options. When expanding network lengths from server racks, architecture changes like moving from Top of Rack to End of Row can pose cabling issues. Between increase the distance to servers, switches, and patch panels, short-reach cable is converted to multimode fiber, single-mode fiber, or CAT-6A cabling (up to 100 meters). The media converter supports 10GBASE-T Short Reach mode for CAT-6A cable links that are shorter than 30 meters. The device saves energy in this mode by requiring less power and cooling.

Type	10GBASE-T Ethernet Media Converter
Standard Protocol	IEEE802.3, 802.3an, 802.3az
Port Type	Copper : 10GBASE-T (RJ-45) Fiber : 10GBASE-X Dual and Single fiber SFP+, XFP
Regulatory Compliances	UL, CE, FCC, Class A, NEBS 3 Compliant, RoHS
Frame Size	Unlimited
Cable Types	Copper : EIA/TIA 568-B.2-10, Cat 6A UTP and Higher Fiber : Multimode 50/125µm, 62.5/125µm Single mode 9/125µm
Environmental temperature	-10℃ - 70℃
Relative humidity	5%-90% (non-condensing)
Dimensions	External power supply:26mm x 70mm x 95mm Built-in power supply:30mm x 110mmx140mm
Safety	FCC Part 15 Class A,CE Mark
LED	POWER, LINK/ACT SD, 10G
Power	DC5V/1A(external),AC220 0.5A/DC-48(internal)
Power temperature variation	0.2 m w / ℃
Operate Temperature	-40~70℃
Storage Temperature	-45~80℃
Relative Humidity	5%~90%(non-condensing)
Size	23.5x68x103.7(external power) 140x110x30mm(internal power)

Part No:	Description
121-01121	10G MEDIA CONVERTER