

### VT-GMCO

#### Gigabit 2-port single-mode dual fiber media converter



#### Overview

The VT-GMCO is a gigabit fiber media converter. It has 1\*10/100/1000Base-T RJ45 port and 1\*1000M uplink SC/LC fiber port. User can select different optical modules, such as multi-mode dual fiber, single-mode dual fiber, and single-mode single fiber. The media converter adopts the enterprise-class Taiwan Realtek company's carrier-grade chip solution, which has stable performance, good quality and high cost performance.

#### Interface

- 1\*10/100/1000Base-T RJ45 port (Data)
- 1\*1000M uplink SC/LC fiber port (Data)

#### Feature

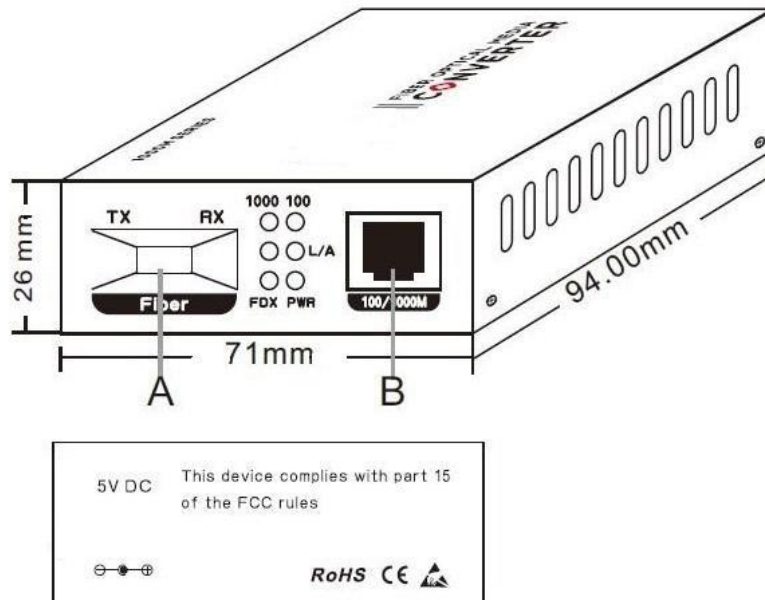
- Gigabit photoelectric Ethernet conversion transmission
- Easy to use and simple to maintain
- Stable and reliable

### Specifications

Model No.	VT-GMCO
Interface	1*10/100/1000Base-T RJ45 port (Data) 1*1000M uplink SC/LC fiber port (Data)
Ethernet Port	10/100/1000Base-T auto-sensing, full/half duplex MDI/MDI-X self-adaption
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meters) 100BASE-TX: Cat5 or later UTP(≤100 meters) 1000BASE-T: Cat5e or later UTP(≤100 meters)
Optical Fiber Port	1.25Gbps, single-mode dual fiber SC port
Optical Cable/Distance	Single-mode: 1310nm / 0-40km, 1550nm/ 0-120km
Network Protocol	IEEE802.3 10BASE-T IEEE802.3i 10Base-T IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X IEEE802.3x
Forwarding Mode	Store and forward(Full wire speed)
Performance Specification	Bandwidth: 2Gbps (Non-blocking) Packet Buffer Memory: 1M Pack Forwarding Rate: 3Mpps MAC Address Table: 2K
Jumbo Frame	1632byte
LED Indicator	Power: PWR (Green) ON/OFF, Data: L/A (Green): ON/OFF/Blink Half/full duplex: FDX (Green) ON/OFF, Speed: 100/1000 (Green) ON/OFF

Total PWR / Input Voltage	3.5W/(5VDC)
Power Consumption	Standby<1W, Full Load<4W
Operation TEMP / Humidity	-20°C~+55°C, 5%~90% RH Non condensing
Storage TEMP /Humidity	-40°C~+85°C, 5%~95% RH Non condensing
Dimension (L*W*H)	94*71*26mm
Net /Gross Weight	<0.3kg / <0.5kg
Installation	Desktop, wall mount
Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP30
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1 FCC Part 15 Class B, RoHS

### DIMENSION



A. 1.25G SC fiber port

B. 1\*10/100/1000M RJ45 port

C. DC5V power input port

### APPLICATION

