



## HR900W-GE-20-T/R

10/100/1000M Single Fiber Single Mode Media Converter

### Description

The Ethernet media converters are designed to transmit and receive 10/100/1000 Mbps data over single mode optical fiber. The electrical interface will Auto-Negotiate to a 10 Mbps, or 100 /1000Mbps Ethernet rate without any adjustments. The optical interface operates at a 1000Mbps Ethernet rate. LED indicators are provided for rapidly ascertaining equipment operating status.

### Features

1. Plug and play, high performance, Low power consumption
2. Card-type or stand-alone, apply in centralized management 2U aluminum chassis
3. Cache is 512KB, MAC address table is 4KB
4. Complies with IEEE802.3 (10BASE-T) and IEEE802.3u (100BASE-TX/FX), Compliant IEEE802.3z/AB 1000Base-T, 1000Base-SX/LX standards.
5. Electrical port supports Auto-Negotiation for 100 Mbps or 1000 Mbps, full duplex or half duplex data.
6. Automatic MDI/MDI-X crossover
7. Distances up to: 20 km Single Mode
8. SC optical connectors.
9. DC powered
10. Status LED's for TX, RX LINK/ACT, POWER, 100M to easily monitor network status
11. CE approved

## ● Technical parameter list

Product Name	10/100/1000M Single Fiber ,Single Mode, Fiber Media Converter
Model	HR900W-GE-20-T/R
Standards	IEEE 802.3i, IEEE 802.3u, IEEE 802.3x Flow Control, IEEE 802.1af DTE Power via MDI
Wavelength	Single Mode: 1310nm,1550nm
Port	1* RJ45 Port, 1* Fiber(SC) Port
Network Media	100BASE-T: Cat3,4,5 UTP(≤100 meter) 1000BASE-TX: Cat5 or more UTP (≤100 meter)
Forward Mode	Store and forward
LED Indicator	<p><b>PWR:</b> Green Illuminated to indicate unit is operating under normal operation</p> <p><b>TX Link/ACT:</b> Green Illuminated indicates receiving link pulses from compliant copper device and flashes when data being sent / received</p> <p><b>FX Link/ACT:</b> Green Illuminated indicates receiving link pulses from compliant fiber device and flashes when data being sent / received</p> <p><b>1000M:</b> Green Illuminated when data packets are being transmitted at 1000 Mbps</p>
Power Supply	DC5V1A
Environmental requirements	Operating Temperature: 0°C~+50°C Storage Temperature: -35°C~+75°C Relative Humidity: 0~95% (non-condensing)
Transmission Distance	Fiber: Single Mode,20km; UTP: Cat.5/6, 100m
Diemension	11cm*7cm*2.5cm
Warranty	1 year warranty