

Gigabit Ethernet Media Converter Datasheet

Flexible and Reliable Network Distance Extension Solution.



Overview

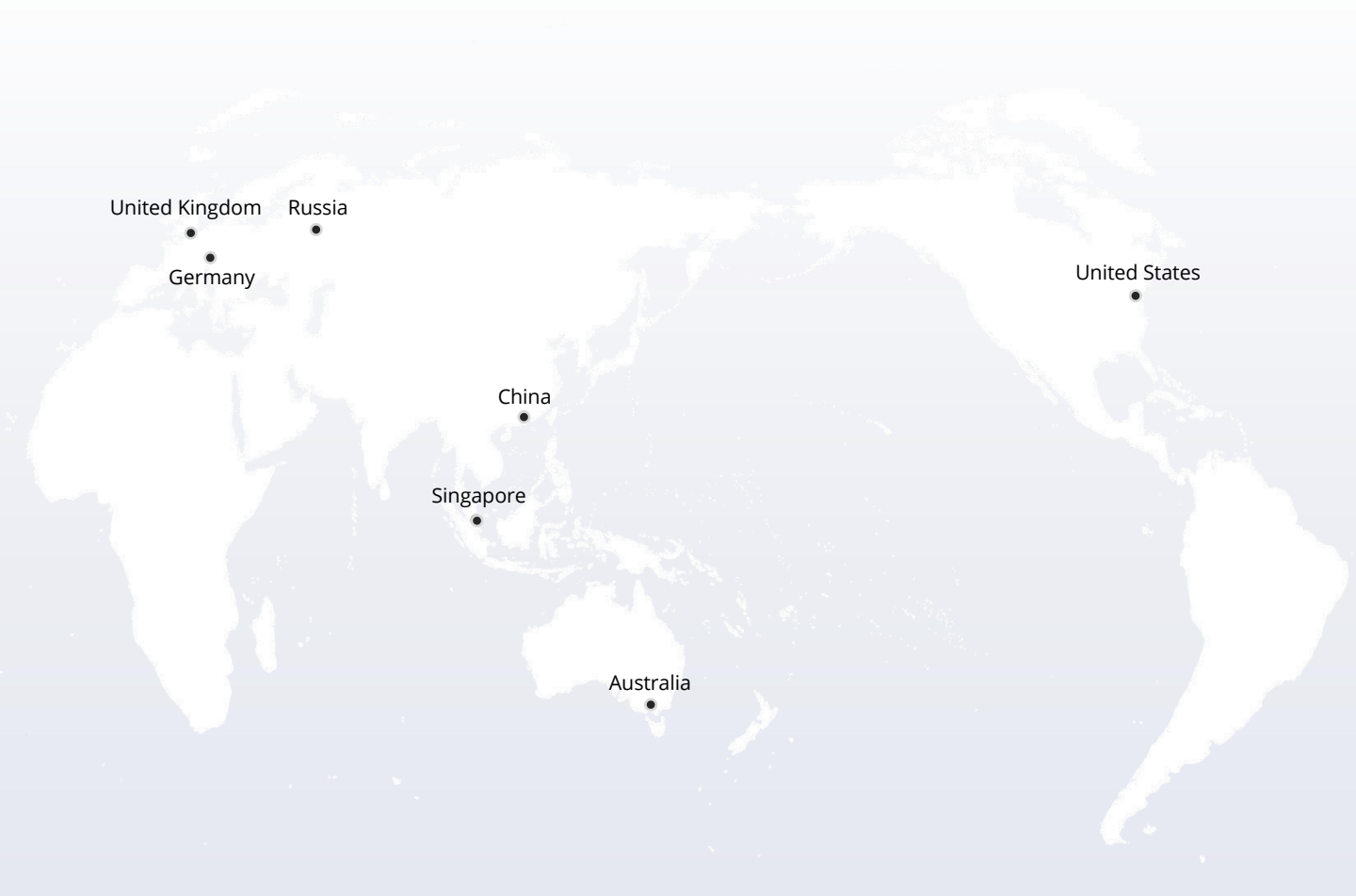
The high-performance media converter improves network connectivity and provides sophisticated management capabilities. It is Gbps media converter with standalone secure management, making it the best option for enterprise and telecom remote management and monitoring. They allows for remote management via an intuitive web interface, command line interface (CLI) and SNMP protocol, enabling easy monitoring and configuration of the converter from anywhere. Our cutting-edge converter features one 1G BASE-T copper port and one 1G SFP/SC ports, providing ultra-fast connectivity for devices with RJ45 interfaces as well as greater flexibility in fiber-optic cabling options. This powerful yet compact solution makes it the ideal choice for businesses looking to boost their network speed and functionality.

Benefits

- Auto-Negotiation and Auto-MDI/MDIX on RJ45 Port
- Auto-negotiation of Half-Duplex / Full-Duplex Transfer Mode
- Complies with IEEE 802.3 Ethernet Standard
- Advanced Features: LFP (Link Fault Pass Through)
- Support WEB UI/SNMP/Telnet/SSH Management

Specification

	MMC-1F1T-SIM	MMC-1SC1T-MM-SIM	MMC-1SC1T-SM-20-SIM
Copper Interface	1x 10/100/1000BASE-T RJ45		
Fiber Optic Interface	1x 100/1000Base-X SFP	1x 100/1000Base-X Multimode Duplex SC	1x 100/1000Base-X Single Mode Duplex SC
Fiber Maximum Distance	Varies with SFP module	220/550m	20km
Optic Wavelength	/	850nm	1310nm
Twisted-pair(Speed)	10/20Mbps for Half/Full Duplex 100/200Mbps for Half/Full Duplex 2000Mbps for Full Duplex		
Fiber-optic Cable	50/125μm or 62.5/125μm multi-mode 9/125μm single-mode		
LED Indicator	PWR (Green) TP: 1000, LINK/ACT(Green) Fiber: LINK/ACT(Green)		
DIP Switch	Fiber (Auto-negotiation/Manual), LFP (Disable/Enable)		
Power Consumption	2.3 watts/7.8BTU (maximum)		
Jumbo Frame	16K		
Power Input	DC 5V/2A		
Dimensions (HxWxD)	3.15" x3.66" x1.02" (80x93x26mm)		
Weight	207g		
Operating Temperature	0° C to 50° C		
Storage Temperature	-10° C to 70° C		
Standards	IEEE 802.3, 10BASE-T IEEE 802.3u, 100BASE-TX IEEE 802.3ab, 1000BASE-T IEEE 802.3z, 1000BASE-SX/LX IEEE 802.3ah OAM		



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