CTC union®

NEW

XMC-10GC
10G/5G/2.5G/1G/100M Copper to 10GBASE-X SFP⁺ Unmanaged Media Converter

The 10G Unmanaged Media Converter, XMC-10GC is equipped with one 10G/5G/2.5G/1G/100BASE-T auto-negotiation port and one 10GBASE-X SFP⁺ slot. This converter uses Cat.6a/Cat 7 twisted pair cable as copper transmission media with RJ-45 and 10G optical solution with SFP⁺ LC connector. The data stream can be converted bi-directionally from 10G Base-T to 10G Base-X and vice versa. With full duplex wire speed forwarding capability between these two media, the XMC-10GC brings you the best and simplest solution for the 10G Ethernet conversion between copper wire and fiber.
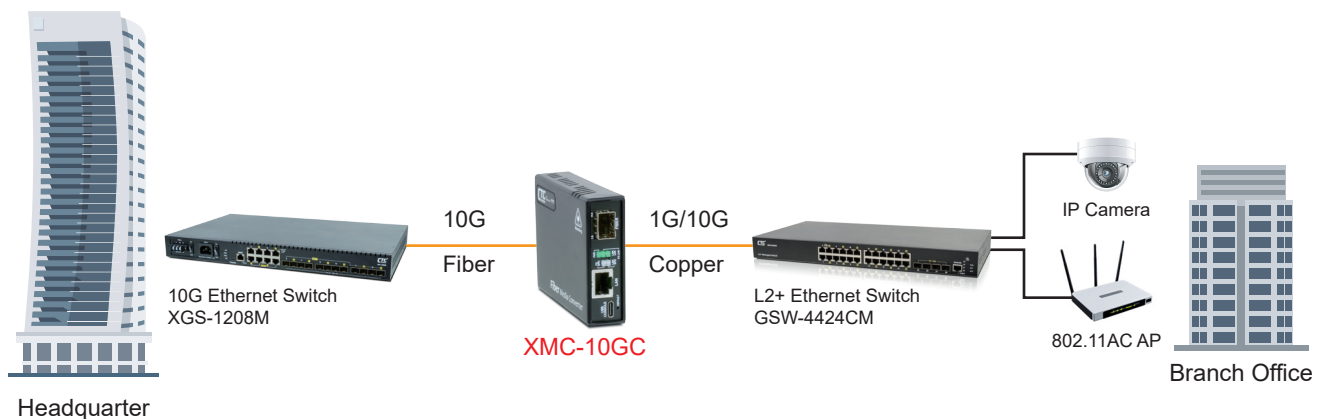
Features

- 1× 10G/5G/2.5G/1G/100BASE-T RJ45 interface with auto MDI/MDI-X function
- 1× 10GBASE-X SFP⁺ slot interface
- Supports auto-negotiation and 100Mbps and 1/2.5/5/10Gbps full duplex mode
- 16K jumbo frame size support
- Wall-mount design
- Loopback Test
- Link Fault Pass Through
- Support USB console for set up and status checking.

Specifications

Copper Interface	1× 10G/5G/2.5G/1G/100BASE-T RJ45
Fiber Optic Interface	1× 10GBASE-X R SFP⁺ slot
LED	PWR FX Link, Speed LAN Link, Speed
Switch Processing Scheme	Store and Forward
Enclosure	Compact-sized metal case
Installation	Desktop, wall mountable
Dimensions (WxDxH)	96.5 × 23 × 73.4mm
Weight	120g
Power Requirements	12V DC / 2A
Power Consumption	10W
Fabric	20Gbps

Jumbo Frame	16K
Regulatory Compliance	FCC Part 15 Class A, CE
Operating temperature	0 ~ 45 °C (TBD)
Storage environment	-10 ~ 70 °C
Operating Humidity	5 ~ 95%, (non-condensing)
Storage Humidity	5 ~ 95%, (non-condensing)
Standards Compliance	IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3bz 2.5G/5GBASE-T IEEE 802.3an 10GBASE-T IEEE 802.3ae 10Gbps Ethernet

Application

Headquarter — 10G Ethernet Switch XGS-1208M — 10G Fiber — XMC-10GC — 1G/10G Copper — L2+ Ethernet Switch GSW-4424CM — IP Camera / 802.11AC AP — Branch Office

Ordering Information

Model Name	Description
XMC-10GC	10G/5G/2.5G/1G/100M RJ45 to 10GBASE-X SFP⁺ 10G Unmanaged Media Converter

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