

CTC Union's CPE switch family mainly focuses on the P2P active Ethernet technology based FTTX market with overall port density from 1 to 8 ports 1Gbps or 2.5Gbps UTP and 1Gbps or 10Gbps Fiber uplink. Their design concept is well considered from the basis of stylish and elegant appearance for the residential user as well as the advantage of easy installation for the FTTH service provider. The whole CPE switch family adopts evolutionary cable tray structural design to help the installer more easily and protectively manage the excess fiber within the unit. Also, the CPE switch supports completely L2 feature sets and highly preferred zero touch provision (ZTP) function which is suitable for the very large scale deployment to avoid truck rolls and save OPEX for FTTH service providers or operators.

## ▶ 10G Ethernet Switch



Model	QSW-4204M	GSW-4208CM	XMC-10GC
Uplink Port	1G/10G SFP slot x 2	1G/10G SFP slot x 2	10GBase-X SFP+ slot x 1
Service LAN Port	1G/2.5G RJ45 x 4 + 1G RJ45 x 1	1G RJ45 x 8	100M/1G/2.5G/5G/10G RJ45 x 1
Console Port		DB9 RS-232 x 1	USB type-C x1
Power Module	DC in: 12V, 2A	AC power: 100 ~ 240VAC or DC power: 18 ~ 72VDC (-48V)	DC in: 12V, 1A
Non-blocking Switch Fabric Capacity	62Gbps	56Gbps	20Gbps
Packet Buffer	8M bits	8M bits	4K bits
MAC Address Table Size	16K	16K	16K
Jumbo Frame Size	10240 Bytes	10240 Bytes	16K Bytes
Dimension (D×W×H)	122 x 162 x 43.5 mm	215 x 190 x 44 mm	95 x 73.4 x 23 mm
Operating Temperature	0 ~ 50 °C	0 ~ 50 °C	0 ~ 50 °C

## ▶ 1G Ethernet Switch



Model	GSW-2020C7	GSW-2008MS	GSW-1005MS	GSW-3208M2
Uplink Port	1G SFP slot x 1	1G SFP slot x 2	1G SFP slot x 1	1G SFP slot x 2
Service LAN Port	1G RJ45 x 7	1G RJ45 x 8	1G RJ45 x 5	1G RJ45 x 8
Console Port				DB9 RS-232 x 1
Power Module	DC in: 12V, 1A	DC in: 12V, 1A	DC in: 12V, 1A	AC power: 100 ~ 240VAC or DC power: 18 ~ 72VDC (-48V)
Non-blocking Switch Fabric Capacity	16Gbps	20Gbps	12Gbps	20Gbps
Packet Buffer	1.75M bits	4M bits	4M bits	4M bits
MAC Address Table Size	8K	8K	8K	8K
Jumbo Frame Size	10240 Bytes	9.6K Bytes	9.6K Bytes	9.6K Bytes
Dimension (D×W×H)	122 x 162 x 32.2 mm	120 x 170 x 35 mm	120 x 170 x 35 mm	250 x 117 x 43.8 mm
Operating Temperature	0 ~ 50 °C	0 ~ 50 °C	0 ~ 50 °C	0 ~ 50 °C