

XGS-1208SE

10G Fiber Access
with Precise Network Synchronization

SyncE & IEEE 1588v2 for FTTx and Service Provider Networks

The CTC Union XGS-1208SE is a Layer 2 Managed Ethernet Switch designed for FTTx, telecom, service provider, and enterprise fiber networks. Featuring Gigabit Ethernet access and 10G SFP+ fiber connectivity, it delivers scalable bandwidth, flexible network management, and high-speed aggregation to meet growing network capacity and connectivity demands. A key advantage of the XGS-1208SE is its support for Synchronous Ethernet ([SyncE](#)) and [IEEE 1588v2](#) Precision Time Protocol (PTP), providing precise frequency and time synchronization across Ethernet networks. Combining 10G connectivity with advanced synchronization capabilities, the XGS-1208SE is an ideal solution for telecom and broadband access networks where accurate timing, reliable transmission, and network availability are essential...[\(more\)](#)

New Products

EN 50155-Certified

Industrial M12 PoE Switch
for Reliable Onboard Networks

Rugged. Reliable. Built for Railway Applications.

EN 50155
Certified

8 PoE Ports
(Total 12 × GbE)

Rugged M12
X-coded

Isolated Power Input
24/48VDC (24i)
24/48/72/96/110VDC (WV)

-40 ~ 75°C
Wide Temperature

Shock & Vibration
Resistance

CTC Union introduces the ITP-G804T-8PH24i and ITP-G804T-8PH-WVi, EN 50155-certified M12 Gigabit PoE industrial Ethernet switches designed for rolling stock and onboard networks. Both models provide 12 Gigabit ports with M12 X-coded connectors, including 8 PoE ports, ensuring stable operation under vibration and shock. The ITP-G804T-8PH24i supports isolated 24/48VDC power input, while the ITP-G804T-8PH-WVi supports 24/48/72/96/110VDC. Voltage boosting delivers stable PoE power from vehicle supplies, making them ideal for onboard surveillance, passenger information systems, and train communication networks...[\(more\)](#)

Solution

Upgrade to 2.5G Speeds
Without Rewiring

More

As Wi-Fi 6E/7 adoption accelerates, 4K UHD video applications proliferate, and IP surveillance systems demand ever higher resolutions, traditional Gigabit networks are struggling to keep pace. For enterprises and telecom operators, the challenge isn't simply raising bandwidth. It's doing so without the cost, complexity, and operational disruption of replacing existing cabling. CTC Union's new QSW-4624CM L2+ Managed Ethernet Switch meets this challenge, enabling a smooth transition to Multi-Gigabit networking while maximizing the value of existing infrastructure...[\(more\)](#)

- Related Products -

L2+ Managed 2.5G Ethernet Switch
QSW-4416CM

16 × 1G/2.5G, RJ45 + 4 × 1G/10G SFP+



Key Features

- NBase-T Multi-Gigabit Technology
- Upgrade from 1G to 2.5G without Rewiring
- Supports Existing Cat5e/Cat6 Cabling
- Ideal for WiFi 6E/7, 4K Video & IP Surveillance
- Comprehensive L2+ Management
- High Network Availability & Security
- Advanced QoS for Traffic Management
- Lower Network Upgrade Cost

more

L2+ Managed 10G Ethernet Switch
XGS-1208M

8 × GbE RJ45 + 12× 10G SFP+



Key Features

- Flexible Access & Aggregation Deployment
- 10G Backbone Network Expansion
- Comprehensive Layer 2 Management
- VLAN, QoS, STP & IGMP Support
- ACL-Based Network Security
- Web GUI, Telnet & SNMP Management
- Adaptive Fan Speed Control
- Ideal for Enterprise, Campus & Service Provider Network

more

Hot Products



ITR-AG804TM-8PHE-WVi
EN50155 Cyber-Hardened
Managed PoE Switch

more



IXR-G24044X-24PH
Industrial Layer 3 PoE Switch

more



IGR-1604XSM-16PH
Industrial L3 10G PoE Switch

more



IGR-A804SM-8PH24
Cyber-Hardened Managed GbE
PoE Switch

more



XGS-1208SE
L2+ Managed 10G Switch with
SyncE/PTP

more



MSW-4204SE
10G NID with SyncE/PTP

more



GSW-3100C
10G CPE Switch

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FRM220-100GE-2Q
100G Transponder Card

more



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Product Catalog



Product Inquiry



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