

Recommend Products



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. [\(Learn more\)](#)

Cellular Router

CTC's industrial cellular routers integrate Ethernet WAN/LAN, Wi-Fi, and 4G LTE technologies to deliver flexible and reliable network connectivity for remote industrial applications. These routers support secure VPN protocols, GPS, static and dynamic IP routing (RIP1/2, OSPF), NAT, port forwarding, firewall protection, as well as built-in DI/DO and serial port services. Designed with industrial-grade components, they ensure dependable performance even in harsh environments.

* [Compare router specifications to find the best fit for your needs.](#) [▶ Comparison Table](#)

ICR-W401

4G LTE, GPS, IEEE 802.11 b/g/n 2T2R and DI/DO WiFi Router



Key Features

- Highly reliable and secure for mission-critical cellular communications
- Compact and lightweight design with 1 LAN and 1 WAN Ethernet interfaces
- Supports multi-band connectivity with FDD LTE/ TDD LTE/ WCDMA/ GSM/ LTE Cat 4
- Micro SIM connector and DI/DO interfaces

[▶ more](#)

ICR-W402

4G LTE, GPS, IEEE 802.11 b/g/n 2T2R Router



Key Features

- Multi-Band Connectivity with LTE Cat 4 / FDD LTE/ TDD LTE/ WCDMA/ GSM
- IEEE 802.11b/g/n WiFi 2T2R
- Enhance Security and Encryption for Authentication and Transmission
- Provides Dual SIM Slots
- -30 ~ 70°C for Using in Harsh Environments

[▶ more](#)

ICR-W405/ICR-405

4G LTE, 2x SIM, WiFi IEEE 802.11 a/b/g/n/ac 2.4G/5G, GPS, 1x GbE WAN, 4x GbE LAN, RS232 COM, RS485 and DI/DO Router
4G LTE, GPS, IEEE802.11 b/g/n/ac 2T2R, 2x SIM, 4x GbE, DI/DO, RS232/485



Key Features

- Multi-band connectivity with FDD LTE/ TDD LTE/ WCDMA/ LTE Cat 6
- GPS track Drawing, GPS TCP Push
- IEEE 802.11 a/b/g/n/ac, (2.4GHz, 5GHz)
- Mobile & WAN Load Balance
- Enhance Security and Encryption for Authentication and Transmission

[▶ more](#)

ICR-GW404

4G LTE, GPS, IEEE802.11 b/g/n/ac 2T2R, 2x SIM, 4x GbE, DI/DO, RS232/485 WiFi Router



Key Features

- Highly reliable and secure for mission-critical cellular communications
- Compact and lightweight design with 3 LAN and 1 LAN/WAN Ethernet interfaces
- Supports multi-band connectivity with FDD LTE/ TDD LTE/ WCDMA/ GSM/ LTE Cat 4
- Provides Dual SIM connector and DI/DO interfaces

[▶ more](#)

Spotlight Products



Auto Backup Kit

BUK1-RJ/M12/USB

Auto Backup Kit for CTC Managed Switch with RJ45/M12/USB Connector

The automatic backup configuration kit - BUK1 series is designed to save, download and upload the setup configurations of CTCU managed Ethernet switches series through the RS-232 or USB console port. Easily back up or restore the Ethernet switch's system parameters and configuration by simply pressing a button on the BUK1. it is a greatly simplified design that enhances network deployment and maintenance processes, thereby reducing system downtime and costs.

[\(Learn more\)](#)



90W PoE & 802.3bt PoE++ Ethernet Switch

Delivering up to 90W of power and Gigabit network connectivity, the 802.3bt PoE++ Switch is the ideal solution for powering a wide range of IP devices, efficiently and conveniently.

To learn more about CTCU's 90W PoE solutions, please click the icon below.

[\(Learn more\)](#)

Hot Products



XGS-1208SE

L2+ Managed 10G Switch with SyncE/PTP

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QSW-4624CM

L2+ Managed 2.5G Ethernet Switch

[▶ more](#)



GSW-4448CM

L2+ CSFP Ethernet Switch

[▶ more](#)



MSW-4204S

10G NID with SyncE/PTP

[▶ more](#)



XMC-10GC

10G Media Converter

[▶ more](#)



FRM220-100GE-2Q

100G Transponder Card

[▶ more](#)



STE211W

2-port Serial to Ethernet Device Server

[▶ more](#)



LX100

10/100 Base-TX LAN Extender

[▶ more](#)



Partner Center



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