

# e-Newsletter

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## Exhibition



CTC Union is pleased to announce that we will take part in InnoTrans 2024, which to be held from 24th to 27st September in Berlin, Germany. (Hall 4.1 Booth No. 285).

As a leading company in the industry, we will also introduce several new solutions to fully optimize transportation applications including On the Train Network Solutions, Trackside and Platform Network Solutions. It will include Layer 3 10G Managed Core Switches with ERPS/VRRP supported, M12 Waterproof EN50155 Ethernet Switches, 4G LTE Router, 90W PoE Long Reach Solution... [\(more\)](#)

## New Products

### Industrial GbE PoE Extender

IEXT-104-4P

5x GbE RJ45 with 1x IEEE802.3bt/at/af PoE Input, 1x IEEE802.3bt/at/af and 3x IEEE802.3at/af PoE Output

IEXT-104-4P expands 4 Ethernet PoE/PSE ports through 1 IEEE802.3bt 90W/PD power input. The 4 PoE/PSE ports include 3 IEEE802.3af/at and 1 IEEE802.3bt 90W. This is the ideal solution to solve the problem of no electricity and save costs, it is designed for harsh environments and can be used in Industrial networks, traffic monitoring, safety automation applications and urban security, smart transportation systems... [\(more\)](#)



#### Key Features

- Extend data and PoE for additional 100 meter
- Wide operating temperature -20 ~ 60° C
- IP30 rugged metal housing and fanless
- EN50121-4, EN61000-6-2, EN61000-6-4, CE and FCC certified

[more](#)



### Contact Closure over Fiber Converter

IFC-CCF40A & IFC-CCF20A

2/4 Channel Contact Closure input, 2/4 Relay output, over fiber transmission

IFC-CCF series supports 2/4 channel contact closure to connect two points through a multi-mode or single-mode optical fiber, and then use a contact closure switch to open or close the contact between the two points. It is typically used in applications such as access control system, alarm event triggering, building automation, security barriers status indications and environmental control systems, fire & alarm systems, traffic signal control equipment etc... [\(more\)](#)



#### Key Features

- Supports SFP, or SC/ST multimode fiber 2KM or single mode 30KM fiber f or transmit distances
- Supports duplex fiber, or single fiber BiDi to save cabling
- Removable terminal block connector for Power input, Alarm, Open/Close input and Relay output
- Supports relay output for power or failure warning
- Hardened housing with IP40 protection
- Fanless and DIN-Rail design for harsh industrial environment

[more](#)



## Related Product

### Industrial Long Reach Ethernet & PoE Extender

IEXT101-PH

1x 10/100Mbps RJ45 Ethernet Extender with PoE



#### Key Features

- Long distance data transmission and remote power feeding up to 800 meter on 2/4 pair UTP cable (see figure 1)
- Supports standard IEEE802.3af/at or passive PoE devices
- Eliminates the need for any power supply at the remote side
- Quick deployment and easy maintenance

[more](#)

## Product Solution



### Solution - Smart Bus

With rapid development of new technologies and the increasing rise of urbanization, the demands of transforming transportation systems into technologically advanced vehicles are growing swiftly. Recently, CTC Union has implemented several successful cases of adopting "smart bus" systems for public mass transportation. For example, buses or minibuses are being equipped with multiple networking devices such as 4G WiFi router, passenger information display, surveillance cameras, electronic ticketing, GPS tracking, etc... [\(more\)](#)

## Promotion Materials

### New Version



The latest updated version of Telecom Product Guide and Industrial Selection Guide are now available.

- ▶ [2024 Industrial Product Selection Guide v2.0](#)
- ▶ [2024 Telecom Product Guide v2.0](#)

## Product End-of-Life Notice

CTC Union appreciates and values your business. We are writing this letter to inform you of an upcoming end of life (EOL) on the following items. The below items are going to be discontinued due to phase out of key components or other reasons. Should you have any questions, please feel free to contact your CTC sales representative or email to [sales@ctcu.com](mailto:sales@ctcu.com). For more information about the CTC End-of-Life products, please go to [www.ctcu.com](http://www.ctcu.com)

Model Name	Issue Day	Last Buy	Substitute Model
FRM220-TM-10GMux	2024/07/10	None	None
BLN-3010,4010,5010,6010	2024/05/13	None	None

## Hot Products

<p><b>IXR-G24044X-24PH</b> Industrial Layer 3 PoE Switch</p> <p><a href="#">more</a></p>	<p><b>IGS-1608SM-16PH</b> PoE Managed Switch</p> <p><a href="#">more</a></p>	<p><b>IPS-G2404SM-8C</b> IEC61850-3 Ethernet Managed Switch</p> <p><a href="#">more</a></p>
<p><b>ITP-500A</b> EN50155 Ethernet Switch</p> <p><a href="#">more</a></p>	<p><b>IFC-BT40</b> 4 Channel Binary Transducer</p> <p><a href="#">more</a></p>	<p><b>GW211W-MQ/MB</b> Serial to Ethernet Protocol Gateway</p> <p><a href="#">more</a></p>

