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Newsletter

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CTC
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CTC Union Ready for EU Cyber Resilience Act (CRA)

With over 30 years of industry experience, CTC Union is actively preparing for the EU Cyber Resilience Act (CRA). To address its requirements for product security, vulnerability management, and incident reporting, the company has established a dedicated Product Security Incident Response Team (PSIRT), a formal vulnerability reporting channel, and a structured notification process based on responsible disclosure, as outlined in its publicly available CRA compliance policy. Together with products designed to meet standards such as EN 50155 and IEC 61850-3, these initiatives strengthen the security and reliability of CTC Union's L2/L3 managed switches, media converters, and PoE solutions, supporting critical infrastructure operators in preparing for evolving EU cybersecurity requirements...[\(more\)](#)

Solution

The Era of AI Smart Surveillance Is Here:

How the IGR-A804XSM-8PH Solves Five Major Network Challenges

As AI video analytics move into surveillance systems, front-end cameras are evolving from simple recording devices into smart sensing terminals capable of object detection and facial recognition, with the market projected to reach USD 26.9 billion by 2034. But as surveillance networks grow more distributed, challenges like bandwidth bottlenecks, time-sync inconsistencies, traffic congestion, cybersecurity risks, and remote maintenance also emerge. CTC Union's IGR-A804XSM-8PH industrial Layer 3 10G PoE switch combines 10G high-speed uplinks, PoE+ power, PTP time synchronization, QoS traffic management, and IEC 62443-4-2 cybersecurity certification, solving all five network challenges at once and building a stronger foundation for tomorrow's AI surveillance networks...[\(more\)](#)

New Products

EN50155 PoE Switch

ITP-G804T-8PH24i & ITP-G804T-8PH-WVi

12x Gigabit M12 with 8x PoE 60W, 24/48VDC

12x Gigabit M12 with 8x PoE 60W, 24/48/72/96/110VDC

CTC Union's ITP-G804T-8PH24i and ITP-G804T-8PH-WVi EN 50155 certified PoE switches are designed for rolling stock, rail infrastructure, and mass transit applications. Featuring 12 Gigabit M12 X-code ports, including 8 PoE ports delivering up to 60W per port, they provide reliable data and power connectivity for onboard cameras, wireless access points, and other edge devices. With isolated wide-range DC power input, a -40°C to 75°C operating temperature, and compliance with CE, FCC, EN 50155, EN 50121-4, and EN 45545-2, these switches deliver dependable performance in demanding railway environments...[\(more\)](#)



Industrial Managed GbE PoE Switch

IGS-A402SM-4PB

4x GbE RJ45 + 2x 100M/1G/2.5G SFP with 4x PoE 300W, 48VDC

The IGS-A402SM-4PB industrial cyber-hardened managed PoE switch features 4 Gigabit UTP ports supporting IEEE 802.3af/at/bt with up to 90W PoE and two 100M/2.5G SFP slots for long-distance fiber connectivity. Its IEC 62443-4-2-certified cybersecurity, fanless design, 4kV surge protection, redundant 44–57VDC power input, and wide operating temperature range ensure reliable performance in factory automation, data centers, smart transportation, military systems, and utility applications...[\(more\)](#)

Related Products

EN50155 Cyber-Hardened PoE Switch

ITP-AG804TM-8PHE24i & ITP-AG804TM-8PHE-WVi

12x GbE M12 with 8x PoE 60W, 24/48VDC

12x GbE M12 with 8x PoE 60W, 24/48/72/96/110VDC



Key Features

- Compliant with the IEC 62443-4-2 Cybersecurity Standards
- 24/48/72/96/110VDC Redundant Dual Power Input
- Supports Power Isolation Regulated PoE Output Voltage
- Auto Checking and Auto Reset when PoE PD Fail
- Build-in 2 Bypass GbE UTP Port

► more

Industrial Managed GbE Switch

IGS-A402SM

4x GbE RJ45 + 2x 100M/1G/2.5G SFP



Key Features

- Compliant with the IEC 62443-4-2 Cybersecurity Standards
- Supports µ-Ring, ERPS, APS, MRP, MSTP, RSTP, STP for Redundant Cabling
- Auto Checking and Auto Reset When PoE PD Fail
- 4KV Surge Protection for PoE, RJ45 and SFP Ports
- Supports Secure Boot

► more

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. For more information about the CTC End-of-Life products, please go to www.ctcu.com

Model Name	Issue Day	Last Buy	Substitute Model
FMUX1600, FMUX800	2026/08/07	None	None
GSW-1005MS, GSW-2008MS	2026/06/01	2026/07/10	GSW-2020C7, GSW-3208M2

Exhibition



7 Days to Go until InnoTrans 2026!

CTC Union is heading to Berlin to showcase industrial networking solutions purpose-built for onboard, trackside, station, and railway substation applications. Our solutions deliver stable and secure communications across every layer of rail infrastructure.

Visit our booth to explore our latest products certified to IEC 62443-4-2, EN 50155, IEC 61850, and E-Mark, along with solutions supporting compliance with the evolving EU Cyber Resilience Act (CRA).

We look forward to seeing you in Berlin!



12 Days to Go until ITS California 2026!

Explore the future of smart transportation with CTC Union at ITS California. We'll showcase our industrial networking solutions, including IEC 62443-4-2-certified cybersecurity switches, Layer 3 switches, and PoE injectors, engineered for secure and reliable transportation networks.

Built to withstand harsh environments, CTC Union's solutions help create resilient, connected infrastructure for the smart transportation systems of tomorrow.

We look forward to seeing you there!

Hot Products



IPR-MG2404XS

IEC61850-3 L3 Ethernet 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

► more



FRM220-100GE-2Q

100G Transponder Card

► more



Contact Us



2026
Product Catalog



Product Inquiry

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