

Product Press Release

CTC Union Launches Layer 3 IEC61850-3 Ethernet Switch



Taipei, Taiwan – CTC Union Technologies, a leading designer and manufacturer of telecommunications, data communications and industrial grade networking products, today announced a new Ethernet switch. CTC Union has launched the **IPR-MG2404XS** specially designed for smart grids and substations.

The IPR-MG2404XS is IEC61850-3 and IEEE1613 certified, ensuring reliable performance in the most demanding industrial environments. It has up to 24 Gigabit Ethernet ports, configurable through four types of Ethernet modules, including Gigabit copper ports, SFP slots and **HSR/PRP** Redbox modules, compliant with IEC 62439-3 Clause 4 and 5 protocols for seamless redundancy.

In addition, the IPR-MG2404XS is equipped with four 10Gb SFP+ slot ports for uplinks. Redundant power inputs increase system reliability, and its fanless IP30-rated metal enclosure protects against harsh environments. The switch is capable of operating in extreme temperatures ranging from -40°C to +85°C, ensuring uninterrupted operation even in the most challenging conditions.

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About CTC Union

Established in 1993, CTC Union Technologies is a specialized network communication products manufacturer with ISO 9001 and ISO 14001 certifications, its own product R&D team and production plants. The software development system follows the security management standard **IEC62443** to enhance the security protection of our products that are used in many industries. In the spirit of continuous innovation and R&D, CTC Union Technologies provides a full range of high-quality, reliable, heavy-duty and heat-resistant products, including Industrial Ethernet, PoE, **EN50155** and **E-Mark** certified switches. With more than 30 years of experience in designing telecom products under its belt and driven by leading-edge technology and high-quality service, CTC Union Technologies has become a leading supplier of network access switching equipment and FTTx solutions worldwide.

