

New Products

IEC61850-3 Layer 3 Modular 10G Switch



IPR-MG2404XS



The IPR-MG2404XS Layer 3 10G Ethernet switch adopts an enhanced design to meet the substation IEC61850-3 and IEEE 1613 certification requirements. It provides up to 24 Gigabit Ethernet ports, which can be implemented through 4 types of Ethernet modules, including Gigabit copper ports, SFP slots and HSR/PRP Redbox modules...[\(more\)](#)

IEC 61850-3 Layer 3 10G Ethernet Switch

IPR-MG2404XS

3x Modular Slots + 4x 1G/10G SFP+ with PTP



Key Features

- **Static Routing**, RIP v1, RIP v2, BGP v4, OSPF v2, PIM-SM, PIM-DM, PIM-SSM, DVMRP, VRRP v2
- IEC62439-3 Clause 5 High-Avail-Seamless-Redundancy (**HSR**) (Optional Module)
- IEC62439-3 Clause 4 Parallel-Redundancy-Protocol (**PRP**) (Optional Module)
- IEEE1588 v2 Hardware base TC, BC, high precision <25ns, Power profile for substation
- Supports ERPS, MRP, MSTP, RSTP, STP for redundant cabling
- **Modular design** for flexible application

[+ more](#)

IEC 61850-3 Managed 10G Ethernet Switch

IPS-MG2404XS

3x Modular Slots + 4x 1G/10G SFP+ with PTP



Key Features

- IEC62439-3 Clause 5 High-Avail-Seamless-Redundancy (**HSR**) (Optional Module)
- IEC62439-3 Clause 4 Parallel-Redundancy-Protocol (**PRP**) (Optional Module)
- IEEE1588 v2 Hardware base TC, BC, high precision <25ns, Power profile for substation
- Supports ERPS, MRP, MSTP, RSTP, STP for redundant cabling
- CE, FCC, EN62368-1, IEC61850-3, IEEE1613 certified
- **Modular design** for flexible application

[+ more](#)



IEC61850-3



EN62368-1



IEEE1588 v2



GOOSE



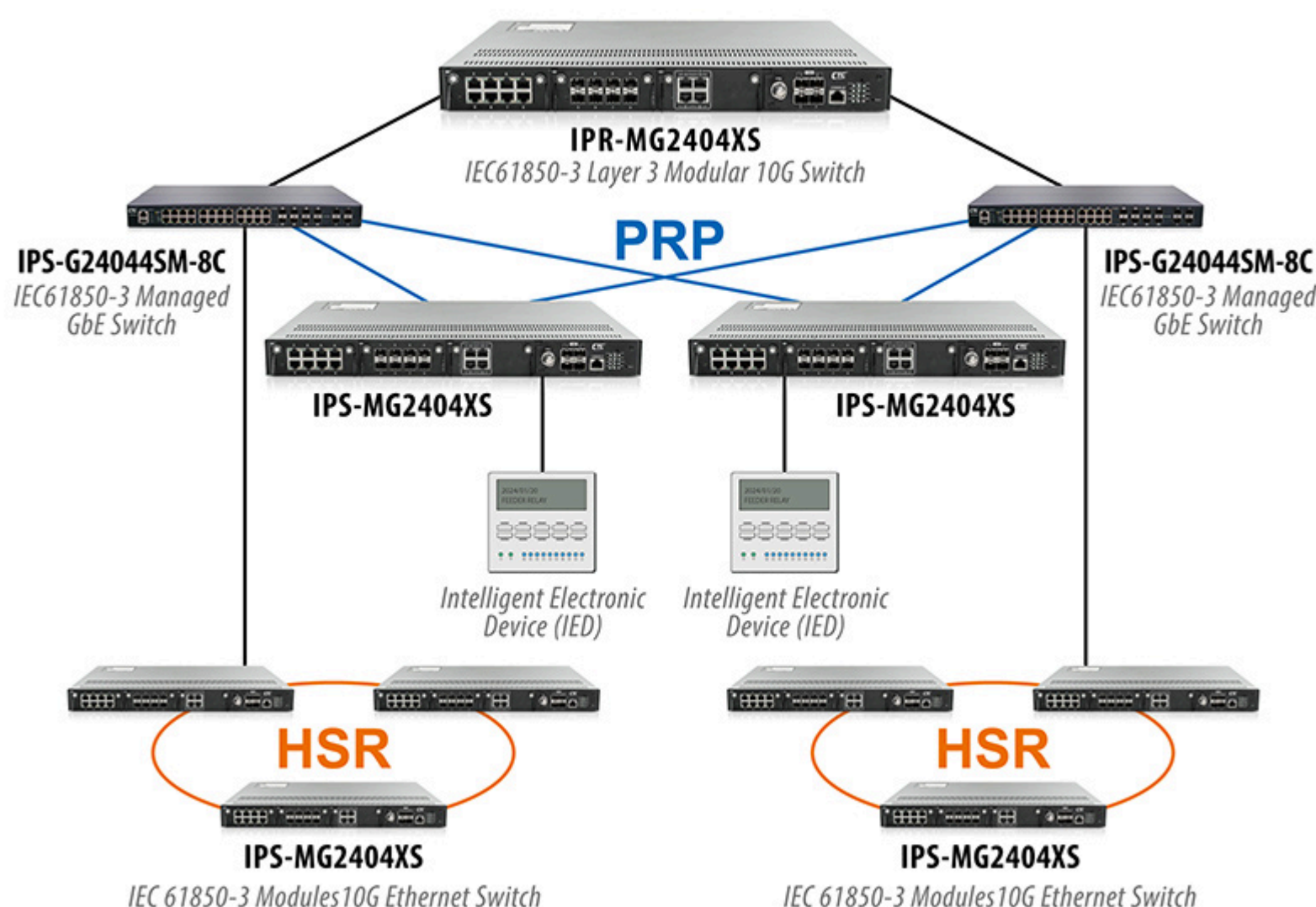
-40~85°C



Modular Design

Application

CTC's IPR/IPS Series are equipped with HSR/PRP function, which can achieve zero packet loss and seamless redundancy. The switches are fully compliant with IEC 61850-3 and IEEE 1613 requirements and is designed for power substation applications.



Related Products

IEC 61850-3 Managed GbE Switch

IPS-G2404SM-8C

24x GbE RJ45 with 8x Combo (RJ45/SFP) + 4x 100/1000Base-X SFP



Key Features

- Supports, ERPS, MSTP, RSTP, STP for redundant cabling
- IEC61850-3, IEEE1613, EN62368-1, CE and FCC certified
- Wide Operating Temperature -40~85° C
- Supports IEEE1588 PtP v2

[+ more](#)

IEC 61850-3 Managed GbE Switch

IPS-G803SM

8x GbE RJ45 + 3x 100/1000Base SFP, Managed Ethernet Switch



Key Features

- IEC 61850-3, IEEE 1613 certified for power substation
- Supports IEEE 1588 PTP V2
- Supports GOOSE Message that complies with IEC61850 standard to achieve zero packet loss
- Supports u-Ring, ERPS, MSTP, RSTP, STP for redundant cabling

[+ more](#)

Product Solution



The demands for intelligent rail networks, such as high-speed railways, subways, commuter trains and light rail are at a record high due to rapid urbanization. However, the railway environment is notoriously characterized by a harsh and tough working environment, where constant shock, vibration, dust, temperature and humidity variations, along with electrical disturbances are common and inevitable. These environmental factors pose foreseeable challenges to network operators which include the following...[\(more\)](#)

Event



2024 Smart Railway Forum
智慧軌道研討會暨展示

日期(Date) : 10/15. 2024

地點 : 台大醫院國際會議中心301室

Location : NTUH International Convention Center R301, Taipei

Register

More Information

報名

詳細資訊

Hot Products



IXR-G24044X-24PH
Industrial Layer 3 PoE Switch

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IGS-1608SM-16PH
PoE Managed Switch

[+ more](#)



IPS-G2404SM-8C
IEC61850-3 Ethernet Managed Switch

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ITP-500A
EN50155 Ethernet Switch

[+ more](#)



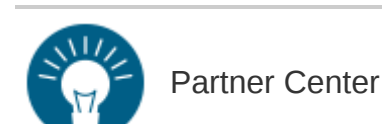
IFC-BT40
4 Channel Binary Transducer

[+ more](#)



GW211W-MQ/MB
Serial to Ethernet Protocol Gateway

[+ more](#)



Partner Center



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Product Catalog



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