Empowering Industry 4.0 with Seamless Connectivity and Reliable Networking

Intelligent PoE Management

L3 OSPF Routing

10G Uplink

Cyber Security

RING

Comprehensive Industrial Networking Products

Fiber Switch

PoE

Renewable Energy

Flat-type

Media Conversion

Router

Industrial Ethernet

Unique Flat-type Design for Easy Management

To facilitate the network deployment in any space-limited locations like wall enclosure or electric box found in buildings or outdoors, PLANET has the industrial Ethernet switches and wireless AP designed in a compact flat type. The products can be installed by fixed wall mounting, magnetic wall mounting or DIN rail, thereby making its usability more flexible.

Flat Design

Magnetic Installation

Front Access

Industry-leading Integration of PoE Technology and Renewable Energy

PLANET Industrial Renewable Energy PoE Switch utilizes the inexhaustible and natural source of energy, such as solar, wind and hydroelectric power to conserve energy, and incorporates 802.3at high power PoE technology to enable network deployment anywhere without any obstacles of geographical barrier. It greatly accelerates the installations of wireless LAN or IP surveillance systems in remote areas.

EN50155 Ready for Intelligent Transportation Systems

Bringing uninterrupted operation and reliable network transmission for rolling stock applications, PLANET EN50155 compliant Industrial Ethernet Switches provide waterproof M12/RJ45 interfaces and guarantee stable Ethernet operation performance under high vibration and shock environment. The switches also feature wide-ranging operating temperature, redundant ring recovery, and intelligent PoE PD and power management functions, ensuring the highest level of reliability for mission-critical applications in any difficult environment.

Network Management

LAN Switches

Industrial Ethernet

Industrial Automation

LoRa AIoT Communication

Power over Ethernet

Media Conversion

Broadband Communication

Wireless LAN

IP Surveillance

IP Telephony

Network Security

Network Peripheral

Home Automation

Layer 3 and Layer 2 Industrial Managed Gigabit Switches

PLANET Industrial Ethernet Switches are industrially hardened to be specially designed to operate reliably in electrically harsh and climatically demanding environment. PLANET Layer 3 and Layer 2 Industrial Managed Switches, with model names starting with IGS or IGSW, include Managed Switches, Unmanaged Switches and PoE Switches. They all support full Gigabit port. The capital 'T' in the model name means that the product can support and operate under wide-ranging temperature from -40 to 75 degrees C.

Redundant Ring and Fast Recovery for Surveillance System

The IGS and IGSW series features strong, rapid self-recovery capability to prevent interruptions and external intrusions. It incorporates advanced ITU-T G.8032 ERPS (Ethernet Ring Protection Switching) technology, Spanning Tree Protocol (802.1s MSTP), and redundant power input system into customer's industrial automation network to enhance system reliability and uptime in harsh factory environments. In certain simple ring network, the recovery time of data link can be as fast as 20ms.

IGS-6325-5

- 10" Modular-based Ethernet Switch
- Fixed 8-port 10/100/1000BASE-T RJ45
- Fixed 4-port 1G/2.5G/10GBASE-X SFP+
- 5 flexible modular slots
- 4-port 10/100/1000BASE-T RJ45 line card module (IMS-4T)
- 4-port 100/1000BASE-X SFP line card module (IMS-4S)
- IEEE 1588 PTP transparent clock supported
- ITU G.8032 ERPS ring supported
- Layer 3 Dynamic Routing, RIPv1/v2 and OSPFv2/v3
- Built-in 2 DI and 2 DO

IGS-6325-20T4C4X

- 24-port 10/100/1000BASE-T
- 4-port 100/1000BASE-X SFP
- 4-port 1G/2.5G/10GBASE-X SFP+
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS ring supported
- L3 static route and OSPFv2 supported
- DI and DO supported
- 100~240V AC and 24~60V DC redundant power system

IGS-6325-20S4C4X

- 4-port 10/100/1000BASE-T
- 14-port 100/1000BASE-X SFP
- 10-port 100/1G/2.5GBASE-X SFP
- 4-port 1G/2.5G/10GBASE-X SFP+
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS ring supported
- Static route and OSPFv2 supported
- DI and DO supported
- 100~240V AC and 24~60V DC redundant power system
- EN 61000-6-2,EN 61000-6-4

IGS-5225-16T4S/IGSW-24040T

- 16/24-port 10/100/1000BASE-T
- 4-port 100/1000BASE-X SFP
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- DI and DO supported
- ERPS ring supported
- 100~240V AC and 36~60V DC redundant power system

TSN-5225-6T2C/TSN-5225-4T2S/TSN-5225-4T

- Up to 8-port 10/100/1000BASE-T RJ45
- Up to 2-port 100/1000BASE-X SFP
- TSN(Time Sensitive Networking) technology
- IEEE 1588 PTP Master/Slave/Boundary/ Transparent Clock
- ITU G.8032 ERPS ring
- 2 DI and 2 DO supported

TSN-6325-8T4S4X

- 8-port 10/100/1000BASE-T
- 4-port 100/1G/2.5GBASE-X SFP
- 4-port 1G/2.5G/10GBASE-X SFP+
- TSN (Time Sensitive Networking) technology
- IEEE 1588 PTP Master/Slave/Boundary/ Transparent Clock supported
- ERPS ring supported
- Layer 3 RIPv1/v2 and OSPFv2/v3 dynamic routing
- DI and DO supported

IGS-6325-5X1T

- 5-port 1G/2.5G/10GBASE-X SFP+
- 1-port 100/1G/2.5G/5G/10GBASE-T RJ45
- IEEE 1588 PTP Transparent Clock supported
- ERPS ring supported
- Layer 3 RIPv1/v2 and OSPFv2/v3 dynamic routing
- 802.1Q VLAN, MSTP and IGMP snooping
- DI and DO supported

IGS-6325-4T2X

- 4-port 100/1G/2.5GBASE-T RJ45
- 2-port 1G/2.5G/10GBASE-X SFP+
- IEEE 1588 PTP transparent clock supported
- ITU G.8032 ERPS ring supported
- Layer 3 Dynamic Routing, RIPv1/v2 and OSPFv2/v3
- Built-in 2 DI and 2 DO

IGS-6325-16T4S

- 16-port 10/100/1000BASE-T
- 4-port 100/1G/2.5GBASE-X SFP
- IEEE 1588 PTP Transparent Clock supported
- ERPS ring supported
- Layer 3 OSPFv2 dynamic routing
- 802.1Q VLAN, MSTP and IGMP snooping
- DI and DO supported

Layer 3 and Layer 2 Industrial Managed Gigabit Switches

IGS-6325-16T4X

- 16-port 10/100/1000BASE-T RJ45
- 4-port 1G/2.5G/10GBASE-X SFP+
- IEEE 1588 PTP transparent clock
- ITU G.8032 ERPS ring
- Layer 3 Dynamic Routing, RIPv1/v2 and OSPFv2/v3
- DI and DO supported
- IP30 aluminum case with fanless design
- Operating temperature ranges from -40 ~ 75°C
- Supports 2 DI/DO

IGS-6325-8T8S4X/IGS-6325-8T8S IGS-6325-8T4X

- 8-port 10/100/1000BASE-T
- 8-port 100/1G/2.5GBASE-X SFP
- 4-port 10G BASE-X SFP+ (IGS-6325-8T8S4X)
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS ring supported
- IEEE 1588 PTP TC supported
- Static route and OSPFv2 supported
- DI and DO supported

IGS-5225-8T2S2X

- 8-port 10/100/1000BASE-T
- 2-port 100/1G/2.5GBASE-X SFP
- 2-port 10G BASE-X SFP+
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS ring supported
- IEEE 1588 PTP TC supported
- Static route and OSPFv2 supported
- DI and DO supported

IGS-20040MT

- 16-port 10/100/1000BASE-T
- 2-port 100/1000BASE-X SFP
- 2-port 100/1G/2.5GBASE-X SFP
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS ring supported
- Static route supported
- DI and DO supported

IGS-12040MT

- 8-port 10/100/1000BASE-T
- 2-port 100/1000BASE-X SFP
- 2-port 100/1G/2.5GBASE-X SFP
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS ring supported
- Static route supported
- DI and DO supported

IGS-10080MFT/IGS-10020MT

- 6-port 100/1000BASE-X SFP (IGS-10080MFT)
- 2-port 10/100/1000BASE-T (IGS-10080MFT)
- 8-port 10/100/1000BASE-T (IGS-10020MT)
- 2-port 100/1G/2.5GBASE-X SFP
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS ring supported
- Static route supported

IGS-5225-4T2S

- 4-port 10/100/1000BASE-T
- 2-port 100/1000BASE-X SFP
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS ring supported
- Static route supported

IGS-4215-8T4X

- 8-port 10/100/1000BASE-T RJ45
- 4-port 1G/2.5G/10GBASE-X SFP+
- USB-to-RS232 console management interface
- Supports G.8032 ERPS ring
- IP30 aluminum case with fanless design
- Operating temperature ranges from -40 ~ 75°C
- Support 2 DI/DO

IGS-4215-16T2S/IGS-4215-16T2S-U

- 16-port 10/100/1000BASE-T
- 2-port 100/1000BASE-X SFP
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- Loop protection
- QoS, bandwidth control, storm control, Layer3/4 access control list
- ERPS Ring and Loop protection supported

IGS-4215-8T2S/IGS-4215-4T2S

- 8-port 10/100/1000BASE-T (IGS-4215-8T2S)
- 4-port 10/100/1000BASE-T (IGS-4215-4T2S)
- 2-port 100/1000BASE-X SFP
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS Ring and Loop protection supported
- QoS, bandwidth control, storm control, Layer 3/4 access control list

IGS-801M

- 8-port 10/100/1000BASE-T
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- Loop protection
- QoS, bandwidth control, storm control, Layer3/4 access control list

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Layer 2 Industrial Gigabit Switches

PLANET advanced industrial hardened Ethernet Switch series comes with a slim type, IP30 metal case. The compact IP30 standard metal case allows either DIN rail or wall mounting for efficient use of cabinet space. The capital 'T' in the model name means that the product can support and operate under wide-ranging temperature from -40 to 75 degrees C.

The Layer 2 Industrial Switch series incorporates redundant power supply system into customer's industrial automation network to enhance system reliability and uptime in the factory harsh environments. It protects customer's industrial network connectivity with power redundant ability. They provide IP30 metal case and 100BASE-FX port or Gigabit TP/SFP combo interfaces for long-distance uplink.

IGS-500T/IGS-510TF/IGS-501T

- 5-port 10/100/1000BASE-T
- -40 to 75 degrees C wide-ranging temperature
- IP30 metal case
- EEE (IGS-500T)
- Compact size (IGS-500T/IGS-510TF)
- 100/1000X SFP (IGS-510TF)

IGS-801T

- 8-port 10/100/1000BASE-T
- -40 to 75 degrees C wide-ranging temperature
- IP30 metal case
- EEE

IGS-1600T/IGS-1820TF

- 16-port 10/100/1000BASE-T
- 2-port 1000BASE-X SFP (IGS-1820TF)
- -40~75 degrees C wide-ranging temperature
- IP40 metal case
- 12~48V DC, 24V AC redundant power

IGS-620TF

- 4-port 10/100/1000BASE-T
- 2-port 100/1000BASE-X SFP (DIP control)
- -40 to 75 degrees C wide-ranging temperature
- IP30 metal case
- Dual SFP ports with auto link redundancy via DIP selection

IGS-1020TF

- 10/100/1000BASE-T x 8 ports
- 100/1000BASE-X SFP x 2 ports
- IEEE 802.3az EEE Protocol based power saving
- 12 ~ 48V DC, 24V AC redundant power
- -40 to 75 degree C operating temperature
- IP 30 metal case, DIN rail and wall mount design

IGT-1205AT

- 1-port 10/100/1000BASE-T
- 2 x SFP interfaces compatible with 100FX/1000SX/LX (DIP control)
- -40 to 75 degrees C wide-ranging temperature
- IP30 metal case
- Dual SFP ports with auto link redundancy via DIP selection

IGS-1000-8T4X

- 8-port 10/100/1000BASE-T RJ45
- 4-port 1G/2.5G/10GBASE-X SFP+
- 9~48V DC, 24V AC redundant power
- -40 ~ 75°C operating temperature
- IP30 aluminum case with fanless design

Layer 2 Industrial Fast Ethernet Switches

ISW-500T/ISW-800T
- 5/8-port 10/100BASE-TX
- -40 to 75 degrees C operating temperature
- IP30 metal case
- EEE

ISW-501T/ISW-801T
- 5/8-port 10/100BASE-TX
- -40 to 75 degrees C wide operating temperature
- IP30 metal case
- EEE

ISW-511T/ISW-511TS15
- 4-port 10/100BASE-TX
- 1-port 100BASE-FX
- Supports multi-mode fiber, 2km/15km distance
- -40 to 75 degrees C wide operating temperature
- IP30 metal case

ISW-621T/ISW-621TS15
- 4-port 10/100BASE-TX
- 2-port 100BASE-FX
- Supports multi-mode fiber, 2km/15km distance
- -40 to 75 degrees C wide operating temperature
- IP30 metal case

ISW-621TF
- 4-port 10/100BASE-TX
- 2-port 100BASE-FX SFP
- -40 to 75 degrees C wide operating temperature
- IP30 metal case

IFGS-1022TF
- 8-port 10/100BASE-TX
- 2-port Gigabit TP/SFP combo interface
- -40~75 degrees C wide operating temperature
- IP30 metal case
- Dual DC 9~48V, AC 24V power input

ISW-1600T
- 16-port 10/100BASE-TX
- -40 to 75 degrees C wide operating temperature
- IP30 metal case

IFGS-1822TF
- 16-port 10/100BASE-TX
- 2-port Gigabit TP/SFP combo interface
- -40 to 75 degrees C wide operating temperature
- IP30 metal case

Layer 3 and Layer 2 Industrial Managed Gigabit PoE Switches

PLANET Industrial Managed PoE Switch series in-line power follows standard IEEE 802.3af, IEEE 802.3at or IEEE 802.3bt and is able to give power to PoE compliant devices at the distance up to 100 meters through the 4-pair Cat. 5/5e UTP wire. With data and Power over Ethernet from one unit, the industrial PoE series can reduce cable deployment and eliminate the need for dedicated electrical outlets on the wall, ceiling or any unreachable place. Carrying PLANET's uniquely Intelligent PoE Functions such as PoE schedule, scheduled power recycling and PD alive check, the Industrial Managed PoE Switch Series greatly enhances the efficiency of network management and helps to save power and cost for the hardened network.

IGS-6329-8UP2S2X/ IGS-6329-8UP2S4X
- EN 61000-6-2 and EN 61000-6-4
- 8-port 10/100/1000BASE-T with 802.3bt PoE++
- 2-port 1G/2.5GBASE-X SFP
- 2-port 1G/2.5G/10GBASE-X SFP+
- 360-watt PoE budget/remote PoE power control
- 48~54V DC redundant power design
- ERPS ring supported
- L3 RIP and OSPFv2/v3 supported
- DI and DO support

IGS-6325-24UP4X
- 24-port 10/100/1000BASE-T RJ45 with 802.3bt 95W PoE++ support
- 4-port 1G/2.5G/10GBASE-X SFP+
- Layer 3 Dynamic Routing, RIPv1/v2 and OSPFv2/v3
- Supports IEEE 1588 PTP transparent clock
- Supports G.8032 ERPS ring
- PoE budget up to 1,440W max.
- Supports intelligent PoE features including PoE schedulaing, temperature threshold and PD alive check

IGS-6325-24P4X
- 24-port 10/100/1000BASE-T
- 4-port 100/1000BASE-X SFP
- 4-port 1G/2.5G/10GBASE-X SFP+
- L3 static route and OSPFv2 supported
- 400-watt PoE budget/remote power control
- IPv6/IPv4 Web, Telnet and SNMP management
- ERPS ring supported
- -40~75 degrees C wide operating temperature

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Layer 3 and Layer 2 Industrial Managed Gigabit PoE Switches

IGS-6325-24P4S

- 24-port 10/100/1000BASE-T
- 4-port 100/1000BASE-X SFP
- L3 static route and OSPFv2 supported
- 400-watt PoE budget/remote power control
- IPv6/IPv4 Web, Telnet and SNMP management
- ERPS ring supported
- -40~75 degrees C wide operating temperature

IGS-6325-16P4S

- 16-port 10/100/1000BASE-T with 802.3at PoE+
- 4-port 100/1G/2.5GBASE-X SFP
- IPv6/IPv4 Web, Telnet and SNMP management
- ERPS ring supported
- -40~75 degrees C wide operating temperature
- DI and DO supported
- L3 Static route and OSPFv2 supported

IGS-6325-8UP2S/ IGS-6325-8UP2S2X

- 8-port 10/100/1000BASE-T with 802.3bt PoE++
- 360-watt PoE budget/remote PoE power control
- -40 ~ 75 degrees C wide operating temperature
- 48 ~ 56V DC redundant power design
- IEEE 802.1w/1s STP, IEEE 802.1Q VLAN and IGMP snooping v2 and v3
- ERPS ring supported
- L3 static route and OSPFv2 supported
- DI and DO supported

IGS-6325-4UP2X

- 4-port 100/1G/2.5GBASE-T RJ45 with 802.3bt 95W PoE++ support
- 2-port 1G/2.5G/10GBASE-X SFP+
- Layer 3 Dynamic Routing, RIPv1/v2 and OSPFv2/v3
- Supports IEEE 1588 PTP transparent clock
- Supports G.8032 ERPS ring
- PoE budget up to 360W max.
- Supports intelligent PoE features including PoE schedulaing, temperature threshold and PD alive check

IGS-5225-8P2S2X

- 8-port 10/100/1000BASE-T with 802.3at PoE+
- 240-watt PoE budget/remote PoE power control
- -40 ~ 75 degrees C wide operating temperature
- 48 ~ 56V DC redundant power design
- IEEE 802.1w/1s STP, IEEE 802.1Q VLAN and IGMP snooping v2 and v3
- ERPS ring supported
- L3 static route and OSPFv2 supported
- DI and DO supported

IGS-20160HPT

- 16-port 10/100/1000BASE-T with 802.3at PoE+
- 2-port 10/100/1000BASE-T
- 2-port 100/1000BASE-X SFP
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS ring supported
- Static route supported
- -40 to 75 degrees C wide operating temperature
- DI and DO supported

IGS-5225-8P2T2S

- 8-port 10/100/1000BASE-T with 802.3at PoE+
- 2-port 10/100/1000BASE-T
- 4-port 100/1000BASE-X SFP
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS ring supported
- Static route supported
- -40~75 degrees C wide operating temperature
- DI and DO supported

IGS-5225-8P4S

- 8-port 10/100/1000BASE-T with 802.3at PoE+
- 4-port 100/1000BASE-X SFP
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS ring supported
- Static route supported
- -40~75 degrees C wide operating temperature
- DI and DO supported

IGS-5225-8P2T4S

- 8-port 10/100/1000BASE-T with 802.3at PoE+
- 4-port 100/1000BASE-X SFP
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS ring supported
- Static route supported
- -40~75 degrees C wide operating temperature
- DI and DO supported

Layer 3 and Layer 2 Industrial Managed Gigabit PoE Switches

IGS-5225-8P4S-12V

- 8-port 10/100/1000BASE-T with 802.3at PoE+
- 4-port 100/1000BASE-X SFP
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS ring supported
- Static route supported
- -40~75 degrees C wide operating temperature
- DI and DO supported
- 12~54V DC redundant power

IGS-10020HPT/IGS-10020HPT-U

- 8-port 10/100/1000BASE-T with 802.3af/at PoE+
- 2-port 100/1G/2.5GBASE-X SFP
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS ring supported
- Static route supported
- -40 to 75 degrees C wide operating temperature
- DI and DO supported
- 12~48V DC redundant power

IGS-10020PT

- 8-port 10/100/1000BASE-T with 802.3af/at PoE+
- 2-port 100/1G/2.5GBASE-X SFP
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS ring supported
- Static route supported
- -40 to 75 degrees C wide operating temperature
- DI and DO supported

IGS-5225-4UP1T2S

- 4-port 10/100/1000BASE-T with 802.3bt/802.3at PoE
- 1-port 10/100/1000BASE-T
- 2-port 100/1000BASE-X SFP
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS ring supported
- Static route supported
- -40 to 75 degrees C wide operating temperature
- DI and DO supported

IGS-5225-4P2S

- 4-Port 10/100/1000BASE-T with 802.3at PoE+
- 2-Port 100/1000BASE-X SFP
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS ring supported
- Static route supported
- -40~75 degrees C wide operating temperature

IGS-4215-16P2T2S

- 16-port 10/100/1000BASE-T with 802.3at PoE+
- 2-port 10/100/1000BASE-T
- 2-port 100/1000BASE-X SFP
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- -40 to 75 degrees C wide operating temperature
- ERPS Ring and Loop protection supported

IGS-4215-8P2T2S

- 8-port 10/100/1000BASE-T with 802.3at PoE+
- 2-port 10/100/1000BASE-T
- 2-port 100/1000BASE-X SFP
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- -40 to 75 degrees C wide operating temperature
- ERPS Ring and Loop protection supported

IGS-4215-4P4T2S/IGS-4215-4P4T

- 4-port 10/100/1000BASE-T with 802.3at PoE+
- 4-port 10/100/1000BASE-T
- 2-port 100/1000BASE-X SFP (IGS-4215-4P4T2S)
- IPv6/IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- -40 to 75 degrees C wide operating temperature

IGS-4215-8UP4X

- 8-port 10/100/1000BASE-T RJ45 with 802.3bt 95W PoE++ support
- 4-port 1G/2.5G/10GBASE-X SFP+
- USB-to-RS232 console management interface
- Supports G.8032 ERPS ring
- IP30 aluminum case with fanless design
- Operating temperature ranges from -40 ~ 75°C
- PoE budget up to 360W max.

IGS-4215-8UP2T2S

- 8-port 10/100/1000BASE-T with 802.3bt PoE++
- 2-port 10/100/1000BASE-T
- 2-port 100/1000BASE-X SFP
- Intelligent PoE PD alive check, PoE schedule and PD scheduled reboot
- IPv6/IPv4 Web, Telnet and SNMP Management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS Ring and Loop protection supported

IGS-4215-4UP4T2S

- 4-port 10/100/1000BASE-T with 802.3bt PoE++
- 4-port 10/100/1000BASE-T
- 2-port 100/1000BASE-X SFP
- Intelligent PoE PD alive check, PoE schedule and PD scheduled reboot
- IPv6/IPv4 Web, Telnet and SNMP Management
- 802.1Q VALN, MSTP and IGMP snooping
- ERPS Ring and Loop protection supported

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Layer 2 Industrial PoE Switches/Extenders

PLANET industrial PoE switch series in-line power follows standard IEEE 802.3af, IEEE 802.3at and IEEE 802.3bt and is able to give power to PoE compliant devices at the distance up to 100 meters through the 4-pair CAT5/5e UTP wire. As un-managed industrial PoE switch offers very easy-to-use Power over Ethernet function, customer just needs to connect their PoE device to un-managed industrial PoE switch, and just plug and play.

ISW-504PT

- 4-port 10/100BASE-TX with 802.3at PoE
- 1-port 10/100BASE-TX
- -40 to 75 degrees C wide operating temperature
- IP40 metal case
- 12~48V DC redundant power design
- 250m in distance with 25-watt power output in Extend mode

ISW-514PTF

- 4-port 10/100BASE-TX with 802.3at PoE
- 1-port 100BASE-FX SFP
- -40 to 75 degrees C wide operating temperature
- IP40 metal case
- 12~48V DC redundant power design
- 250m in distance with 25-watt power output in Extend mode

IFGS-1022HPT

- 8-port 10/100BASE-TX with 802.3at PoE+
- 2-port Gigabit TP/SFP combo for uplink
- 240-watt PoE budget
- -40 to 75 degrees C wide operating temperature
- IP30 metal case
- 250m in distance with 30-watt power output in Extend mode

IGS-504PT/IGS-504HPT

- 4-port 10/100/1000BASE-T with 802.3at PoE+
- 1-port 10/100/1000BASE-T
- Smart PoE power usage LED indicator
- -40 to 75 degrees C wide operating temperature
- IP30 metal case

IGS-624HPT/IGS-614HPT

- 4-port 10/100/1000BASE-T with 802.3at PoE+
- 2-port 100/1000BASE-X SFP (DIP Control)
- Dual SFP Ports Auto Link Redundant
- Mode supported (IGS-624HPT)
- Smart PoE power usage LED indicator
- -40 to 75 degrees C wide operating temperature
- IP30 metal case

IGS-1020PTF/IGS-1020PTF-12V

- 8-port 10/100/1000BASE-T with 802.3at PoE+
- 2-port 100/1000BASE-X SFP combo for uplink
- 240-watt PoE budget
- -40 to 75 degrees C wide operating temperature
- IP30 metal case
- 12~48V DC redundant power design
- 250m in distance with 25-watt power output in Extend mode

IGS-824UPT

- 4-port 10/100/1000BASE-T with 802.3bt PoE++
- 2-port 10/100/1000BASE-T
- 2-port 100/1000BASE-X SFP
- 240-watt PoE budget
- -40~75 degrees C operating temperature
- Supports PoH PoE and Legacy detection

IGS-1000-8UP4X

- 8-port 10/100/1000BASE-T RJ45 with 802.3bt 95W PoE++ support
- 4-port 1G/2.5G/10GBASE-X SFP+
- PoE budget up to 360W max.
- Dual 48~54V DC redundant power
- -40 ~ 75°C operating temperature
- IP30 aluminum case with fanless design

IPOE-E302

- IP67 aluminum case, outdoor installation
- Waterproof/dustproof RJ45 Ethernet connector
- 1-port IEEE 802.3bt PoE++ PD
- 2-port IEEE 802.3at PoE PSE
- Max. total PoE budget up to 60 watts
- -40 to 75 degrees C operating temperature
- Extends Cat.5 cable installations to beyond 100 meters

IPOE-E174

- Forwards both Ethernet data and in-line power to 4 remote devices
- 1-port ultra Power over Ethernet PD
- 4-port IEEE 802.3af/at Power over Ethernet/end-span PSE
- Supports PoE output power up to 30.8 watts for each PoE port
- Extends the range of PoE for an additional 100 meters (328ft.)
- -40 to 75 degrees C wide operating temperature

WGS-E304PT

- Forwards both Ethernet data and in-line power to 4 remote devices
- 1-port ultra Power over Ethernet PD
- 4-port IEEE 802.3af/at Power over Ethernet/end-span PSE
- Supports PoE output power up to 30.8 watts for each PoE port
- Extends the range of PoE for an additional 100 meters (328ft.)
- -40 to 75 degrees C wide operating temperature

EN50155 ITS Ethernet Network Solution

IGS-5227X-4P2T

- IP67 aluminum case, outdoor installation
- Waterproof and dustproof M12 Ethernet connector against vibration and shock
- -40 to 75 degrees C wide operating temperature
- 12~48V DC redundant power design
- 144-watt PoE budget/remote PoE power control
- PoE schedule, scheduled rower recycling and PD alive check functions
- ERPS Ring Data Recovery time < 50ms
- IPv4/IPv6 Layer 3 static routing and route summarization

M12 · **802.3bt PoE++** · **Power Boost**

IGS-604HPT-M12

- IP67 aluminum case, outdoor installation
- Waterproof and dustproof M12 Ethernet connector against vibration and shock
- -40 to 75 degrees C wide operating temperature
- 48~56V DC redundant power design
- 144-watt PoE budget/remote PoE power control
- PoE Schedule, Scheduled Power Recycling and PD Alive Check functions
- ERPS Ring Data Recovery time < 50ms
- IPv4/IPv6 Layer 3 static routing and route summarization

M12 · **802.3bt PoE++**

IGS-604HPT-RJ

- IP67 aluminum case, outdoor installation
- Waterproof/dustproof RJ45 Ethernet connector
- 4-port 10/100/1000BASE-T with 802.3at PoE+
- 2-port 10/100/1000BASE-T
- PD alive check, scheduled power recycling and time-based PoE schedule
- IPv6 and IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS ring supported
- Static route supported
- -40 to 75 degrees C wide operating temperature

TAIWAN EXCELLENCE 2015

RJ45 · **802.3bt PoE++**

IGS-5226-4P2T

- IP50 metal case
- IEEE 1588 and synchronous Ethernet network timing
- IPv6/IPv4 Layer 3 static routing and route summarization
- 144-watt PoE budget, remote PoE power control
- 48~56V DC redundant power design
- ERPS Ring Data Recovery time < 50ms
- -40 to 75 degrees C wide operating temperature

M12 · **802.3bt PoE++**

IGS-5227-6MT-X

- IP67 aluminum case, outdoor installation
- Waterproof and dustproof M12 Ethernet connector against vibration and shock
- -40 to 75 degrees C wide operating temperature
- 12~48V DC redundant power design
- ERPS Ring Data Recovery time < 50ms
- IPv4/IPv6 Layer 3 static routing and route summarization

M12

IGS-5227-6T

- IP67 aluminum case, outdoor installation
- Waterproof/dustproof RJ45 Ethernet connector
- 6-port 10/100/1000BASE-T
- IPv6 and IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS ring supported
- Static route supported
- -40 to 75 degrees C wide operating temperature

RJ45

WGS-5225-8MT

- IP30 metal case, flat-type design
- Dustproof M12 Ethernet connector against vibration and shock
- 8-port 10/100/1000BASE-T
- Bypass relay prevents link failure during power loss
- 9~48V DC redundant power design
- ERPS ring supported
- Layer 3 static route supported

Bypass Relay · **M12** · **ERPS**

ISW-808PT-M12A/ ISW-808PT-M12

- 8-port 10/100BASE-TX with 802.3af/at PoE
- IP67 aluminum case
- Robust M12 Ethernet connector
- -40 to 75 degrees C wide operating temperature

M12 · **802.3at PoE**

ISW-800T-M12

- 8-port 10/100BASE-TX
- IP67 aluminum case
- Robust M12 Ethernet connector
- Waterproof and dustproof
- -40 to 75 degrees C wide operating temperature

M12

Layer 3 and Layer 2 Industrial Flat-type Ethernet Switches

WGS-6325-8UP2X

- 4-port 100/1G/2.5GBASE-T RJ45 with 802.3bt PoE++
- 4-port 10/100/1000BASE-T RJ45 with 802.3bt PoE++
- 2-port 1G/2.5G/10GBASE-X SFP+
- 95W output per PoE++ port, up to total 480W PoE budget
- Layer 3 Dynamic Routing, RIPv1/v2 and OSPFv2/v3
- 1588 PTP transparent clock supported
- G.8032 ERPS ring supported
- PoE schedule, scheduled power recycling and PD alive check

WGS-5225-8UP2SV

- 2.4-inch color LCD touch screen with management function
- 8-port 10/100/1000BASE-T with 802.3bt PoE++
- 2-port 100/1G/2.5GBASE-X SFP
- 720-watt PoE budget
- ERPS ring supported
- Layer 3 static route supported
- PoE schedule, scheduled power recycling, PD alive check

WGS-5225-8P2S/WGS-5225-8P2SV

- 2.4-inch color LCD touch screen with management functions (WGS-5225-8P2SV)
- 8-port 10/100/1000BASE-T with 802.3at PoE+
- 2-port 100/1G/2.5GBASE-X SFP
- 802.1Q VLAN, MSTP and IGMP Snooping
- ERPS ring and IEEE 1588 supported
- Static route supported
- Modbus TCP
- PoE schedule, scheduled power recycling, PD alive check

WGS-5225-8T2SV

- 2.4-inch color LCD touch screen with management functions
- 8-port 100/1G/2.5G/1000BASE-T
- 2-port 100/1G/2.5GBASE-X SFP
- 802.1Q VLAN, MSTP and IGMP Snooping
- ERPS ring and IEEE 1588 supported
- Static route supported
- Modbus TCP

WGS-5225-8MT

- IP30 metal case, flat-type design
- Dustproof M12 Ethernet connector against vibration and shock
- 8-port 10/100/1000BASE-T
- Bypass relay prevents link failure during power loss
- 9~48V DC redundant power design
- ERPS ring supported
- Layer 3 static route supported

WGS-4215-16P2S

- 16-port 10/100/1000T with 802.3at PoE+
- 2-port 100/1000X SFP
- -10 to 60 degrees C wide operating temperature
- 48~54V DC dual power input
- 240-watt PoE budget, up to 16 PoE port
- PD alive check, scheduled power recycling and time-based PoE schedule
- IPv6 and IPv4 Web; Telnet; SNMPv1, v2c, v3; SSHv2/TLSv1.2 management
- QoS, bandwidth control, storm control, Layer 3/4 access control list
- STP/RSTP/MSTP, LACP

WGS-4215-8HP2S

- 4-port 10/100/1000BASE-T with 802.3bt PoE++
- 4-port 10/100/1000BASE-T with 802.3at PoE+
- 2-port 100/1GBASE-X SFP
- 360-watt PoE budget
- ERPS ring supported
- PoE schedule, scheduled power recycling, PD alive check
- IPv6/IPv4 Web/TLS; Telnet/SSHv2; SNMPv1/v2c/v3 management

WGS-4215-8P2S

- 8-port 10/100/1000T with 802.3at PoE+
- 2-port 100/1000X SFP
- -40 to 75 degrees C wide operating temperature
- 48~54V DC dual power input
- 200-watt PoE budget, up to 8 PoE port
- PD alive check, scheduled power recycling and time-based PoE schedule
- IPv6 and IPv4 Web; Telnet; SNMPv1, v2c, v3; SSHv2/TLSv1.2 management
- QoS, bandwidth control, storm control, Layer 3/4 access control list
- STP/RSTP/MSTP, LACP

WGS-4215-8T2S/WGS-4215-8T

- 8-port 10/100/1000BASE-T
- 2-port 100/1000BASE-X SFP(WGS-4215-8T2S)
- -40 to 75 degrees C wide operating temperature
- 24V AC and 12~48V DC redundant power
- Compact size, magnetic wall mount and DIN-rail design
- IPv6 and IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping

WGS-804HPT

- 4-port 10/100/1000BASE-T with 802.3at PoE+
- 4-port 10/100/1000BASE-T
- -40 to 75 degrees C wide operating temperature
- 48~54V DC redundant power
- Compact size, magnetic wall mount and DIN-rail design
- IPv6 and IPv4 Web, Telnet and SNMP management
- 802.1Q VLAN, MSTP and IGMP snooping
- LED indicators for PoE usage and status

WGS-818HP/WGS-814HP WGS-804HP

- 4-port 10/100/1000BASE-T with 802.3at PoE+
- 4-port 10/100/1000BASE-T
- -10 to 60 degrees C operating temperature
- 48~56V DC redundant power
- Compact size, magnetic wall mount and DIN-rail design
- LED indicators for PoE usage and status
- 250m in distance in Extend mode

WGS-803/WGS-810

- 8-port 10/100/1000BASE-T
- -10 to 60 degrees C operating temperature
- 24V AC and 12~48V DC redundant power
- Compact size, magnetic wall mount and DIN-rail design
- 250m in distance in Extend mode

Industrial Flat-type Gigabit Routers

WGR-500-4PV

- 2.4-inch color LCD touch screen with management functions
- 4-port 10/100/1000BASE-T with 802.3at PoE+
- 802.1Q VLAN and IGMP proxy
- PoE schedule, scheduled power recycling, PD alive check
- IPv6 support for IoT Networking
- Secure firewall protection
- VLAN support for isolated traffic and security

WGR-500-4P

- 4-port 10/100/1000BASE-T with 802.3at PoE+
- 802.1Q VLAN and IGMP proxy
- PoE schedule, scheduled power recycling, PD alive check
- IPv6 support for IoT Networking
- Secure firewall protection
- VLAN support for isolated traffic and security

Renewable Energy PoE Switches & Management Controller Series

BSP-360

- 4-port 10/100/1000BASE-T with 802.3at PoE+
- 1-port 10/100/1000BASE-T WAN
- 1 24V DC power output terminal block
- -10~60 degrees C operating temperature
- MPPT Charge Controller
- Supports Lithium and Load-acid Battery

NMS-360/NMS-360V

- Auto discovery of up to 512 BSP-360 switches and up to 2048 PoE IP cameras
- Central provisioning and remotely control over each managed device
- Dashboard for Green Power, PoE Usage, Traffic and Device Event
- Setup Wizard, and e-mail alarm notification
- Map viewing and IP cam snapshots
- Backup and restoration via USB 3.0
- Stylish 10" TFT-LCD touch screen display (NMS-360V)

NMS-360 Series Intuitive Management Interface

Dashboard   Device List   Device Information

Network Management

LAN Switches

Industrial Ethernet

Industrial Automation

LoRa AIoT Communication

Power over Ethernet

Media Conversion

Broadband Communication

Wireless LAN

IP Surveillance

IP Telephony

Network Security

Network Peripheral

Home Automation

Renewable Energy Off-Grid PoE+ Network System Application

Wireless CPE/AP

Solar PV (400W)

Wireless CPE/AP

Outdoor IP Camera

NMS-360 Series

Remote Web Management   VPN Router

Control Center

BSP-360

Battery

(((ax 2.4GHz 802.11ax 5GHz 802.11ax	DC Power Line (DC)	1000BASE-T UTP	PoE 1000BASE-T UTP with PoE

Industrial PoE Injectors & Splitters

IPOE-162

- 10/100/1000BASE-T
- Distance up to 100m with 30W power output
- -40 to 75 degrees C wide operating temperature
- 12~48V DC redundant power
- IP30 metal case

Power Boost

IPOE-162S

- 10/100/1000BASE-T
- 12/24V DC power output by DIP switch
- -40 to 75 degrees C wide operating temperature
- IP30 metal case

IPOE-171-60W

- 10/100/1000BASE-T
- Distance up to 100m with 60W power output
- -40 to 75 degrees C wide operating temperature
- IP30 metal case

802.3bt 95W

IPOE-171-95W

- 10/100/1000BASE-T
- Distance up to 100m with 95W power output
- -40 to 75 degrees C wide operating temperature
- IP30 metal case

Power Boost   802.3bt 95W

IPOE-173S

- Compliant with 802.3bt PoE++ PD
- 10/100/1000BASE-T
- 12/19/24V DC power output by DIP switch
- -40 to 75 degrees C wide operating temperature
- IP30 metal case

802.3bt PD

IPOE-176S

- Compliant with 802.3bt PoE++ PD
- 100/1G/2.5G/5G/10GBASE-T
- 12/19/24V DC power output by DIP switch
- -40 to 75 degrees C wide operating temperature
- IP30 metal case

IPOE-175

- Up to 60 watts of PoE power on 4-pair UTP
- Data and power over one Ethernet cable up to 100 meters
- IP67 and IK10-rated aluminum case
- -40~75 degrees C wide operating temperature
- 24~56V DC to 55V power boost technology

IPOE-175S

- Supports 12V DC, 60-watt power output
- IP67 and IK10-rated aluminum case
- -40~75 degrees C wide operating temperature
- Compliant with IEEE 802.3bt PoE++ PD
- Supports 10/100/1G applications

IPOE-165

- Up to 30 watts of PoE power on UTP
- Data and power over one Ethernet cable up to 100 meters
- IP67 and IK10-rated aluminum case
- -40~75 degrees C wide operating temperature
- 24~56V DC to 54V power boost technology

IPOE-260/IPOE-260-12V

- 10/100/1000BASE-T "Data" input port x 2
- 10/100/1000BASE-T "Data + Power" output port x 2
- -40 to 75 degrees C operating temperature
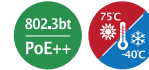- IP30 metal case, DIN-rail and wall-mountable

IPOE-270/IPOE-270-12V

- 10/100/1G/2.5G/5GBASE-T "Data" input port x 2
- 10/100/1G/2.5G/5GBASE-T "Data + Power" output port x 2
- Up to 90-watt of PoE power on 4-apir UTP
- 180-watt PoE budget
- -40~75 degrees C wide operating temperature
- IP30 metal case, DIN-rail and wall-mountable

IPOE-470/IPOE-470-12V

- 10/100/1G/2.5GBASE-T "Data" input port x 4
- 10/100/1G/2.5GBASE-T "Data + Power" output port x 4
- Up to 95-watt of PoE power on 4-apir UTP
- 240-watt PoE budget
- -40~75 degrees C wide operating temperature
- IP30 metal case, DIN-rail and wall-mountable

Industrial PoE Media Converters

PLANET Industrial PoE Media Converter series combines Ethernet media conversion (from 1000BASE-X to 10/100/1000BASE-T) with 802.3at PoE+ injector delivered in an IP30 rugged strong case. With data and power over Ethernet from one unit, the Industrial PoE Media Converter series can reduce cable deployment and eliminate the need for dedicated electrical outlets on the wall, ceiling or any unreachable place.

IGTP-802T/IGTP-802TS

- 1-port 10/100/1000BASE-T 802.3at PoE+
- 1-port 1000BASE-SX multi-mode , 220/550 meters (IGTP-802T)
- 1-port 1000BASE-LX single mode, 10km (IGTP-802TS)
- -40 to 75 degrees C wide operating temperature.
- IP30 metal case
- 12~48V DC redundant power

IGTP-805AT/IGTP-815AT

- 1-port 10/100/1000BASE-T 802.3at PoE+
- 1-port 100/1000BASE-X SFP
- -40 to 75 degrees C wide operating temperature.
- Compact IP30 metal case
- 12~48V DC power input (IGTP-805AT)
- 48~56V DC power input (IGTP-815AT)

IGTP-825AT

- 1-port 10/100/1000BASE-T 802.3at PoE+
- 1-port 1000BASE-X SFP
- Up to 30 watts of PoE power on UTP
- IP67 and IK10-rated aluminum case
- -40~75 degrees C wide operating temperature
- 24~56V DC to 54V power boost technology

IGUP-805AT

- 1-port 10/100/1000BASE-T 802.3bt PoE++ type-4 PSE
- 1-port 100/1000BASE-X SFP
- -40 to 75 degrees C wide operating temperature.
- 12~56V DC redundant power
- DIP switch for 802.3bt/PoH/Force mode control
- DIP switch for Link Fault Passthrough PoE control

IGUP-1205AT

- 1-/2-port 10/100/1000BASE-T 802.3bt PoE++ type-4 PSE
- 2-port 100/1000BASE-X SFP
- -40 to 75 degrees C wide operating temperature.
- 12~56V DC redundant power
- 90W/180W PoE budget
- DIP switch for 802.3bt/PoH/Force mode control

IGUP-2205AT

- 1-/2-port 10/100/1000BASE-T 802.3bt PoE++ type-4 PSE
- 2-port 100/1000BASE-X SFP
- -40 to 75 degrees C wide operating temperature.
- 12~56V DC redundant power
- 90W/180W PoE budget
- DIP switch for 802.3bt/PoH/Force mode control

Network Management
LAN Switches
Industrial Ethernet
Industrial Automation
LoRa AIoT Communication
Power over Ethernet
Media Conversion
Broadband Communication
Wireless LAN
IP Surveillance
IP Telephony
Network Security
Network Peripheral
Home Automation

Industrial Fiber over Ethernet Media Converters

PLANET Industrial Fiber over Ethernet Media Converter Solution is designed to withstand extreme temperatures to ensure stable operations in harsh industrial conditions. It also provides the dynamic status report and real-time alarm messages that make monitoring and managing the entire industrial networks easy.

PLANET provides the Industrial Media Converters with various fiber-optic interfaces to convert signals via 10G, Gigabit, and Fast Ethernet ports.

- IXT series – allows the signal to convert between fiber-optic interface and 10G port
- IGT series – allows the signal to convert between fiber-optic interface and Gigabit Ethernet port
- IFT series – allows the signal to convert between fiber-optic interface and Fast Ethernet port

Industrial 10GBASE-X Fiber over Ethernet Media Converters

IXT-900-1X1T

- 1-port 100/1G/2.5G/5G/10GBASE-T RJ45
- 1-port 100/1G/2.5G/10GBASE-X SFP+ slot
- IEEE 802.1Q VLAN and IEEE 802.1ad Q-in-Q VLAN mode
- Supports ITU-G.8032 ERPS
- QoS supports IP TOS / DSCP / IP Precedence
- PLANET NMS system and CloudViewerPro for remote management

IXT-900-2X

- 2-port 100/1G/2.5G/10GBASE-X SFP+ slot
- IEEE 802.1Q VLAN and IEEE 802.1ad Q-in-Q VLAN mode
- Supports ITU-G.8032 ERPS
- QoS supports IP TOS / DSCP / IP Precedence
- PLANET NMS system and CloudViewerPro for remote management

IXT-900-2X1T

- 1-port 100/1G/2.5G/5G/10GBASE-T RJ45
- 2-port 100/1G/2.5G/10GBASE-X SFP+ slot
- IEEE 802.1Q VLAN and IEEE 802.1ad Q-in-Q VLAN mode
- Supports ITU-G.8032 ERPS
- QoS supports IP TOS / DSCP / IP Precedence
- PLANET NMS system and CloudViewerPro for remote management

IXT-900-2X1PD

- 1-port 100/1G/2.5G/5G/10GBASE-T RJ45 with optional PoE input support
- 2-port 100/1G/2.5G/10GBASE-X SFP+ slot
- IEEE 802.1Q VLAN and IEEE 802.1ad Q-in-Q VLAN mode
- Supports ITU-G.8032 ERPS
- QoS supports IP TOS / DSCP / IP Precedence
- PLANET NMS system and CloudViewerPro for remote management

IXT-900-2X1UP

- 1-port 100/1G/2.5G/5G/10GBASE-T RJ45
- 2-port 100/1G/2.5G/10GBASE-X SFP+ slot
- IEEE 802.1Q VLAN and IEEE 802.1ad Q-in-Q VLAN mode
- Supports ITU-G.8032 ERPS
- QoS supports IP TOS / DSCP / IP Precedence
- PLANET NMS system and CloudViewerPro for remote management

IXT-900-1X1UP

- 1-port 100/1G/2.5G/5G/10GBASE-T RJ45
- 1-port 100/1G/2.5G/10GBASE-X SFP+ slot
- IEEE 802.1Q VLAN and IEEE 802.1ad Q-in-Q VLAN mode
- Supports ITU-G.8032 ERPS
- QoS supports IP TOS / DSCP / IP Precedence
- PLANET NMS system and CloudViewerPro for remote management

IXT-705AT

- Complies with IEEE 802.3ae 10GBASE-R
- NBASE-T featuring adaptive rate operation
- 100 meters over Cat 6A at 10Gbps
- -40~75 degrees C wide operating temperature
- IP30 metal case
- Low power consumption

Industrial 1000BASE-X Fiber over Ethernet Media Converters

IGT-900-1T1S

- 1-port 10/100/1000BASE-T
- 1-port 100/1G/2.5GBASE-X SFP
- 9~48V DC redundant power design
- -40~75 degrees C operating temperature
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS Ring and Loop protection supported
- IPv6/IPv4 Web/TLS; Telnet/SSHv2; SNMPv1/v2c/v3 management

IGT-900-2T2S

- 2-port 10/100/1000BASE-T
- 2-port 100/1G/2.5GBASE-X SFP
- 9~48V DC redundant power design
- -40~75 degrees C operating temperature
- 802.1Q VLAN, MSTP and IGMP snooping
- ERPS Ring and Loop protection supported
- IPv6/IPv4 Web/TLS; Telnet/SSHv2; SNMPv1/v2c/v3 management

IGT-805AT

- 1-port 100/1000BASE-X SFP fiber optic
- 1-port 10/100/1000BASE-T
- 12~48V DC redundant power
- -40 to 75 degrees C operating temperature
- IP30 metal case

IGT-815AT

- 1-port 100/1000BASE-X SFP fiber optic
- 1-port 10/100/1000BASE-T
- 12~48V DC redundant power
- -40 to 75 degrees C operating temperature
- IP30 metal case

IGT-1205AT

- 2-port 100/1G/2.5GBASE-X SFP fiber optic
- 1-port 10/100/1000BASE-T
- 12~48V DC redundant power
- -40 to 75 degrees C operating temperature
- IP30 metal case

IGT-2205AT

- 2-port 100/1G/2.5GBASE-X SFP fiber optic
- 2-port 10/100/1000BASE-T
- 12~48V DC redundant power
- -40 to 75 degrees C operating temperature
- IP30 metal case

Industrial 100BASE-FX Fiber over Ethernet Media Converters

IFT-802T

- 1-port 100BASE-FX SC multi-mode, 2km fiber optic
- 1-port 10/100BASE-TX
- 12~48V DC redundant power
- -40 to 75 degrees C wide operating temperature
- IP30 metal case

IFT-802TS15

- 1-port 100BASE-FX SC single mode, 15km fiber optic
- 1-port 10/100BASE-TX
- 12~48V DC redundant power
- -40 to 75 degrees C wide operating temperature
- IP30 metal case

IFT-805AT

- 1-port 100BASE-FX SFP fiber optic
- 1-port 10/100BASE-TX
- 12~48V DC redundant power
- -40 to 75 degrees C wide operating temperature
- IP30 metal case

Network Management

LAN Switches

Industrial Ethernet

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LoRa AIoT Communication

Power over Ethernet

Media Conversion

Broadband Communication

Wireless LAN

IP Surveillance

IP Telephony

Network Security

Network Peripheral

Home Automation

Industrial Cellular Gateway

ICG-2515-NR/ICG-2515F-NR

- Global 5G NR (NSA/SA)/4G LTE network with dual SIM design for cellular network redundancy
- 4 10/100/1000T LAN ports and 1 10/100/1000T WAN port
- 2 DI/DO ports and 1 serial port (RS485) for Modbus applications
- Easy management (Setup Wizard, DHCP Server and Dashboard)
- Full security with VLAN, NAT, DMZ, routing, firewall and IP/MAC/port filtering
- -45 to 75 degrees C operating temperature, DIN-rail and fanless design
- 1 1000 BASE-X SFP WAN/LAN port for long distance extensior (ICG-2515F-NR)

ICG-2515W-NR/ICG-2515FW-NR

- Global 5G NR (NSA/SA)/4G LTE network with dual SIM design for cellular network redundancy
- 4 10/100/1000T LAN ports and 1 10/100/1000T WAN port
- 802.11ax 1800AX dual band WiFi
- 2 DI/DO ports and 1 serial port (RS485) for Modbus applications
- Full security with VLAN, NAT, DMZ, routing, firewall and IP/MAC/port filtering
- -45 to 75 degrees C operating temperature, DIN-rail and fanless design
- 1 1000 BASE-X SFP WAN/LAN port for long distance extensior (ICG-2515FW-NR)
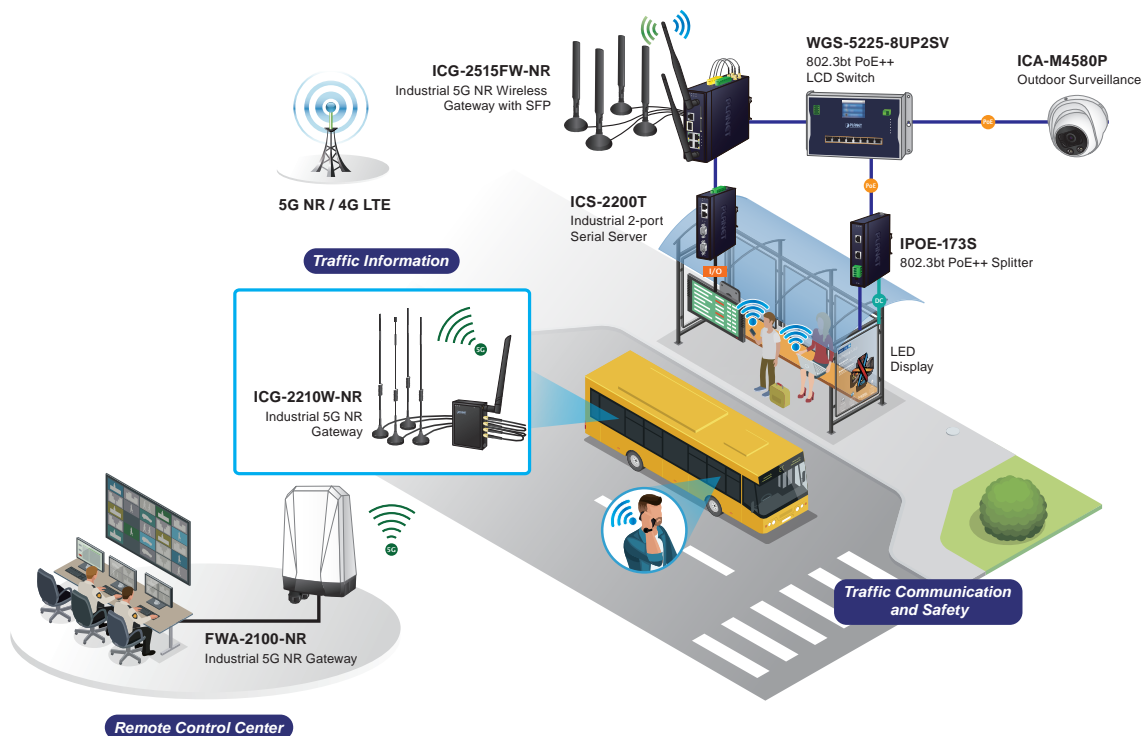
ICG-2210W-NR

- 5G NR(NSA/SA)/4G LTE network with dual micro-SIM design for cellular network redundancy
- Multi VPN with IPSec, OpenVPN, PPTP, L2TP, GRE
- Full security with Cybersecurity, VLAN, NAT, DMZ, and IP/MAC/Port filtering
- Stateful Packet Inspection (SPI) firewall and content filtering
- IP30 Metal and compact design
- -40 to 75 degrees C operating temperature

FWA-2100-NR

- 5G NR(NSA/SA)/4G LTE network with dual nano-SIM design for cellular network redundancy
- SSL VPN and robust hybrid VPN (IPSec/PPTP/L2TP)
- Full security with Cybersecurity, DMZ, and IP/MAC/Port filtering
- Stateful Packet Inspection (SPI) firewall and content filtering
- -20 to 60 degrees C operating temperature
- IP68 rating waterproof

ICG-2515FW-NR
Industrial 5G NR Wireless Gateway with SFP

WGS-5225-8UP2SV
802.3bt PoE++
LCD Switch

ICA-M4580P
Outdoor Surveillance

5G NR / 4G LTE

Traffic Information

ICS-2200T
Industrial 2-port Serial Server

IPOE-173S
802.3bt PoE++ Splitter

LED Display

ICG-2210W-NR
Industrial 5G NR Gateway

Traffic Communication and Safety

FWA-2100-NR
Industrial 5G NR Gateway

Remote Control Center

Network
Management

LAN Switches

Industrial Ethernet

Industrial
Automation

LoRa AIoT
Communication

Power over Ethernet

Media Conversion

Broadband
Communication

Wireless LAN

IP Surveillance

IP Telephony

Network Security

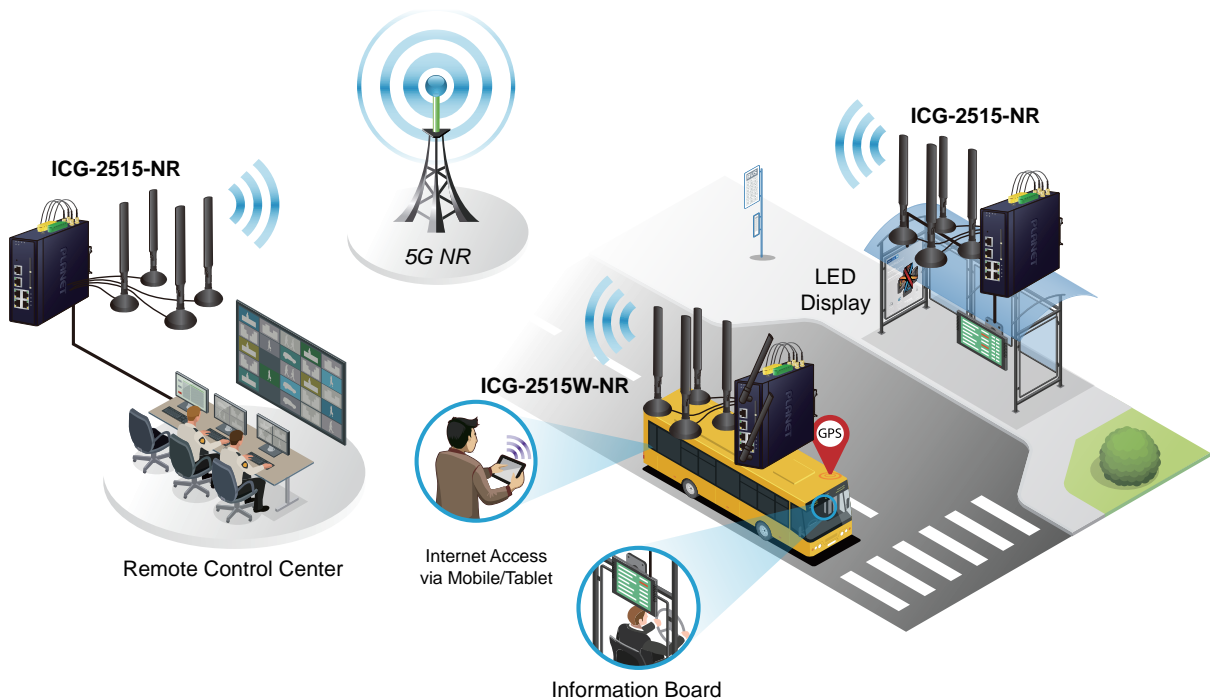Network
Peripheral

Home
Automation

Industrial Cellular Gateway

ICG-2510W-LTE

- 5-port Gigabit Ethernet, build in redundancy protocol-VRRP
- 2 DI/DO and 1 serial port (RS232 or RS485) for Modbus applications
- Dual module SIM for network load balancing and redundancy
- WiFi compliance IEEE 802.11b/g/n/ac dual-band for mobile client connectivity
- Multiple VPN with IPSEC, OpenVPN, PPTP, L2TP, GRE and VPN Failover
- Full security with VLAN, NAT,DMZ, Static routing, Firewall and IP/MAC/Port filtering
- Supports CMS for remote management
- -35 to 70 degrees C operating temperature and fanless design
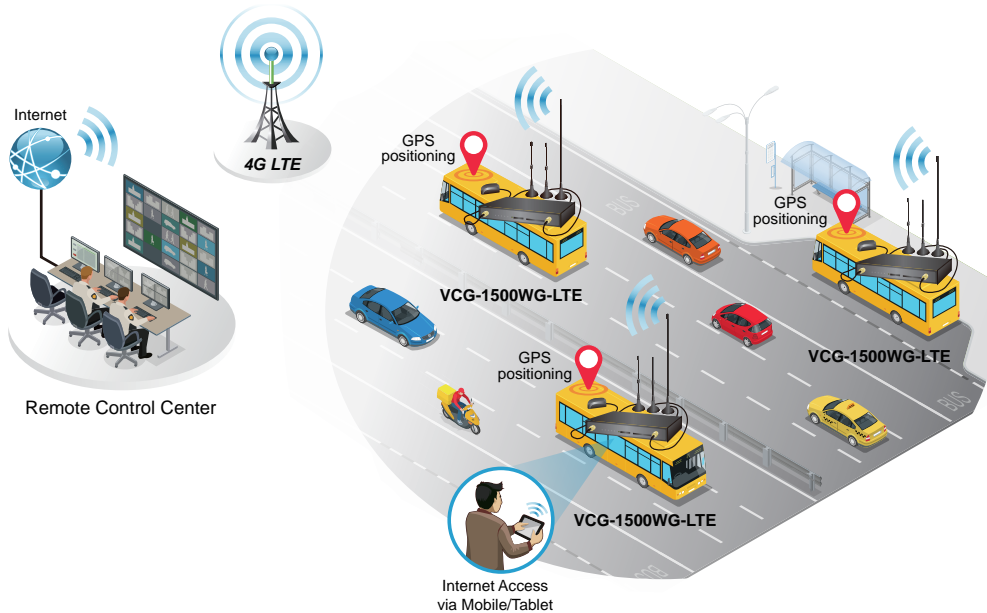
ICG-2510WG-LTE

- 5-port Gigabit Ethernet, build in redundancy protocol-VRRP
- 2 DI/DO and 1 serial port (RS232 or RS485) for Modbus applications
- Dual module SIM for network load balancing and redundancy
- WiFi compliance IEEE 802.11b/g/n/ac dual-band for mobile client connectivity
- GPS antenna allows to detect the location via sat nav system
- Multiple VPN with IPSEC, OpenVPN, PPTP, L2TP, GRE and VPN Failover
- Full security with VLAN, NAT,DMZ, Static routing, Firewall and IP/MAC/Port filtering
- Supports CMS for remote management
- -35 to 70 degrees C operating temperature and fanless design

ICG-2515-NR

ICG-2515-NR

5G NR

LED
Display

ICG-2515W-NR

GPS

Remote Control Center

Internet Access
via Mobile/Tablet

Information Board

Vehicle 4G LTE Cellular Wireless Gateway

VCG-1500WG-LTE

- 4 10/100TX LAN ports and 1 10/100TX WAN port
- Industrial power with wide DC voltage power supply design
- One SIM slot and one 4G LTE antenna for network connection
- Supports Wi-Fi 802.11 b/g/n for mobile client connectivity
- GPS antenna allows to detect the location via sat nav system
- Supports GRE, PPTP, IPSec and L2TP
- Supports NAT, DMZ, MAC/Application/IP filter and static routing
- Supports DHCP server/client, PPPoE, static IP and DDNS
- -25 to 65 degrees C operating temperature
- Supports CMS and SNMP for remote management

Internet

4G LTE

GPS positioning

VCG-1500WG-LTE

GPS positioning

VCG-1500WG-LTE

GPS positioning

VCG-1500WG-LTE

Remote Control Center

Internet Access via Mobile/Tablet

DIN-rail Power Supplies

PWR-40-24/PWR-60-24

- 100~240V AC, 50/60Hz, 1.1A input voltage
- Power output 40 watts/60 watts, 24V, 1.7A, 2.5A
- DIN rail TS-35/7.5 or 15
- -20 ~ 70 degrees C operating temperature

PWR-75-48

- 100~240V AC, 50/60Hz, 1.45A input voltage
- Power output 75 watts, 48V, 1.6A
- DIN rail TS-35/7.5 or 15
- -20 ~ 70 degrees C operating temperature

PWR-240-48

- 100~240V AC, 50/60Hz, 2.5A input voltage
- Power output 240 watts, 48V, 5A
- DIN rail TS-35/7.5 or 15
- -20 ~ 70 degrees C operating temperature

PWR-75-24

- 100~240V AC, 50/60Hz, 2A input voltage
- Power output 75 watts, 24V, 3.2A
- DIN rail TS-35/7.5 or 15
- -10 ~ 60 degrees C operating temperature

PWR-120-48

- 100~240V AC, 50/60Hz, 2.25A input voltage
- Power output 120 watts, 48V, 2.5A
- DIN rail TS-35/7.5 or 15
- -20 ~ 70 degrees C operating temperature

PWR-480-48

- 100~240V AC, 50/60Hz, 4.8A input voltage
- Power output 480 watts, 48V, 10A
- DIN rail TS-35/7.5 or 15
- -20 ~ 70 degrees C operating temperature

PWR-960-48

- Input Voltage: 200 ~ 240V AC, 50/60Hz, 6A
- Power output: 960 watts, 48V, 20A
- DIN- rail TS-35/7.5 or 15
- -30 ~ 70°C operating temperature