Product Portfolio

Comprehensive IP-based Network Innovations

- LAN Switches
- Industrial Ethernet
- Industrial Automation
- LoRa AIoT Communication
- Power over Ethernet
- Media Conversions
- Broadband Communications
- Wireless LANs
- IP Surveillance
- IP Telephony
- Network Security
- Network Management
- Home Automation

Shaping Future Networking

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LAN Switches

CS-6306R
6-Slot Layer 3 IPv6/IPv4 Routing Chassis Switch
- Gigabit Wire-speed Layer 3 IPv4/IPv6 Routing
- Four Slots for optional Gigabit 100G/40G Modules
- IP Routing Protocols: Static Routing, RIPv1/v2, OSPFv2, BGP4 and VRRP
- IP Multicast Routing: IGMP, PIM-DM/SM, DVMRP
- IEEE 802.1x / RADIUS / TACACS+ / SSH / SSL

XGS3-24042
XGS3-24242
24G + 4 optional 10G Slots Layer 3 Backbone Switch
- Gigabit Wire-speed Layer 3 IPv4/IPv6 Routing
- IP Routing Protocols: Static Routing, RIPv1/v2, OSPFv2 and VRRP
- IP Multicast Routing: IGMP, PIM-DM/SM, DVMRP
- Layer 2/3/4 Access Control List
- IP Stack Management
- 100~240V AC/48V DC Power Redundant

XGS-6350-48X2Q4C
XGS-6350-24X4C
Layer 3 24x1G+4x10G SFP++ + 4-Port QSFP28 Managed Switch
XGS-6350-12X8TR
Layer 3 12-Port 10G SFP+ Fiber Switch
- Gigabit Wire-speed Layer 3 IPv4 and IPv6 routing
- IP routing protocols: Static routing, RIPv1/v2, OSPFv2
- IP multicast features: IGMP snooping v1/v2/v3, multicast group policy
- IEEE 802.1Q, Private VLAN and GVRP for VLAN management
- L2, L3 and L4 Access Control List and IEEE 802.1x support
- IEEE 802.1ad/1w/1s Spanning Tree Protocol
- SNMP v1/v2c/v3 and RMON Groups 1, 2, 3, 9

XGS-6320-8X8TR
XGS-6320-12X4TR
Layer 3 8/12-Port 10G SFP+ 8/4-Port 10GBASE-T Managed Switch
- 10GBASE-T RJ45 copper ports, backward compatible with 5G/2.5G/1G/100Mbps
- Layer 3 QSFP+2/4/3, RIPv1/v2 dynamic routing protocols
- ERPS ring data recovery time <10ms
- 100~240V AC/48V DC Power Redundancy
- SNMPv3/SSHv2/TLSv1.2 secure access

XGS-5240-24X2QR
24-port 10G SFP+ + 2-port 40G QSFP+ L2+ Backbone Switch
- IPv4/IPv6 Static routing
- IEEE 802.1Q VLAN, Private VLAN, GVRP
- IGMP snooping v1, v2 and v3, MLD snooping v1 and v2
- IPv4/IPv6 Web interface; SNMP v1, v2c and v3; SSH and SSL management
- IP stack; Up to 24 units and single IP address stack management

SGS-6341-48T4X
SGS-6341-24T4X
SGS-6341-16S8X
52/28-Port Gigabit Stackable Layer 3 Enterprise Switch
- IP Routing Protocols: Static routing, RIP, OSPF, BGP and PBR
- IP Multicast Routing: IGMP, PIM-DM/SM, DVMRP
- IEEE 802.1Q VLAN, Private VLAN, GVRP
- IGMP snooping v1, v2 and v3; MLD snooping v1 and v2
- IPv4/IPv6 Web interface; SNMP v1, v2c and v3; SSH and SSL management
- IP stack; Up to 24 units and single IP address stack management

SGS-6310-24T4X
SGS-6310-16S8C4XR
SGS-6310-48T6X
24/48-port Gigabit + 4/6/8-port 10G SFP+ Layer 3 Stackable Switch

GS-5220-16T2XV/R
GS-5220-24T4XV/R
16G/24G + 2/4 10G SFP+ Layer 3 Enterprise Switch with LCD Touch Screen

GS-5240-24T4X
GS-5240-48T4X
GS-5240-2054C4XR
24/48G + 4 10G Stackable L2+ Managed Switch

GS-5220-16S8C
GS-5220-16S8CR
24G Fiber L2+ Backbone Switch

GS-4210-16T2S
GS-4210-24T2S/24T4S
GS-4210-48T4S
24-port Managed Metro Switch

MGS-6320-2T6S2X
MGSW-10080F
MGSW-24160F
24-port Managed Metro Switch

MGSW-28240F
24G SFP Fiber-optic Slots + 4-Port 10G SFP+ Managed Metro Switch
- IP30 Metal Case and Front-access Design
- Redundant Power System Dual 36V~72V DC or 100V~240V AC
- -10~60 degrees C operating temperature
- IPv4/IPv6 Dual Stack Management
- IEEE 802.1Q Tag-based VLAN and Bandwidth Redundancy
- Layer 2/3/4 ACL and Port Security

IGS-6325-20T4C4X
IGS-6325-2054C4X
19" 24G + 4-port 10G SFP+ L3 Managed Ring Switch
- 4-port 1G/2.5G/10G BASE-X SFP+ for Gigabit uplink
- IEEE 802.1Q VLAN, Private VLAN
- Layer 3 OSPFv2 dynamic routing , 128 static IP routes and route summarization
- ITU-T G.8032 ERPS (Ethernet Ring Protection Switching)
- SNMPv3/SSH/TLS secure access

IGS-6325-24P4X
19" 24G 802.3at PoE +4-port 10G SFP+ Layer 3 Managed Ring Switch
IGS-6325-24P4S
19" 24G 802.3at PoE Layer 3 Managed Ring Switch
- Layer 3 OSPFv2 dynamic routing, IPv4/IPv6 static IP routes and route summarization
- PoE schedule, scheduled power recycling, PD alive check
- Supports 1588 Precision Time Protocol for industrial computing networks
- ERPS ring data recovery time <10ms
- Fanless and 48~56V DC redundant power design
- IP30 metal case; rack-mount design; -40 to 75 degrees C wide temperature

TSN-6325-8T454X
8G TP + 4G SFP + 4 10G SFP+ Layer 3 Managed TSN Switch
- Time-Sensitive Networking (TSN) technology, supports 802.1AS-REV, Qbv (TAS), 802.1Qci (PSFP) and 802.1CB (FRER)
- Hardware based 1588 PTPv2, boundary clock, PTP slave, PIP and E2E transparent clock
- Supports Layer 3 OSPFv2/v3, RIPv1/v2 dynamic routing protocols
- ERPS ring data recovery time <10ms
- 100~240V AC; -40~75 degrees C wide temperature

IGS-6325-5X1T
5-Port 10G SFP+ + 1-Port 10GBASE-T Layer 3 Managed Ring Switch
- Layer 3 RIPv1/v2, OSPFv2/v3 dynamic routing protocols
- ERPS ring data recovery time < 10ms
- 1588 PTP transparent clock
- 9~48V DC redundant power; 2 DI and 2 DO
- 10GBASE-T RJ45 copper ports, backward compatible with 5G/2.5G/1G/100Mbps

IGS-6325-8T4X
8G TP + 4G SFP + 4 10G SFP+ Layer 3 Managed Ring Switch
- Layer 3 IPv4/IPv6 Static Routing
- G.8032 ERPS ring supported
- Supports Modbus TCP/IP protocol for factory automation
- 9~48V DC redundant power design
- Web / SNMP v1, v2c, and v3 / Telnet remote IP management
- Redundant Power System: Dual 36V~72V DC or 100V~240V AC
- -40~75 degrees C operating temperature

IGS-6325-8T854S
8G TP + 4G SFP + 4 10G SFP+ Layer 3 Managed Ring Switch
- Hardware Layer 3 IPv4/IPv6 Static Routing and OSPFv2
- ERPS ring data recovery time <10ms
- Supports 1588 Precision Time Protocol for industrial computing networks
- 12~48V DC/24V AC redundant power design
- IP30 metal case; -40~75 degrees C wide temperature

IGS-6325-16T4S
IGS-6325-8T8S
16G TP + 4G/8G SFP Layer 3 Managed Ring Switch
- G.8032 ERPS ring supported
- Supports Modbus TCP/IP protocol for factory automation
- 9~48V DC redundant power design, 2 DI and 2 DO
- Web / SNMP v1, v2c, and v3 / Telnet remote IP management
- Redundant Power System: Dual 36V~72V DC or 100V~240V AC
- -40~75 degrees C operating temperature

IGS-5225-16T4C
IGS-5225-4G
19" 16G/24G with 4-port SFP L2+ Managed Ring Switch
- G.8032 ERPS ring supported
- Supports Modbus TCP/IP protocol for factory automation
- Web / SNMP v1, v2c, and v3 / Telnet remote IP management
- Redundant Power System: Dual 36V~72V DC or 100V~240V AC
- -40~75 degrees C operating temperature

IGS-20040MT
24G + 4 10G SFP+ L2+ Managed Ring Switch
IGS-12040MT
8G TP + 2G SFP + 2.5G SFP L2+ Managed Ring Switch
- IPv4/IPv6 Layer 3 Static Routing
- 802.1Q VLAN / 802.1s MSTP / 802.3ad LACP
- Layer 2/3/4 Access Control List
- Supports Modbus TCP/IP protocol for factory automation
- 12~48V DC redundant power design, 2 DI and 2 DO
- -40~75 degrees C operating temperature

IGS-6325-16P4S
IGS-20020HPT
16G 802.3at PoE + 4G SFP L3 Managed Ring Switch
- 16-port 10/100/1000 BASE-T RJ45 PoE+ Gigabit uplink
- 4-port 10 BASE-X SFP for Gigabit uplink (IGS-6325-16P4S)
- IEEE 802.1Q VLAN, Private VLAN
- Layer 3 OSPFv2 dynamic routing , 128 static IP routes and route summarization
- ITU-T G.8032 ERPS (Ethernet Ring Protection Switching)
- SNMPv3/SSH/TLS secure access

IGS-6329-8U2P52X
IGS-6329-8U2P54X
8G 802.3bt PoE + 2-port 1G/ 2.5G SFP + 2-4-port 10G SFP+ L3 Managed Ring Switch
- EN 61000-6-2, EN 61000-6-4 Heavy Industrial EMC
- 802.3bt PoE++ Type-4 PSE
- PoE schedule, scheduled power recycling, PD alive check
- Hardware Layer 3 IPv4/IPv6 Static Routing and OSPFv2
- ERPS ring data recovery time <10ms
- 48~56V DC Redundant power design; 2 DI and 2 DO
- IP30 metal case; -40 to 75 degrees C wide temperature

IGS-6325-8U2P52X
8G 802.3bt PoE + 2-port 1G/ 2.5G SFP L3 Managed Ring Switch
- 802.3bt PoE++ Type-4 PSE
- PoE schedule, scheduled power recycling, PD alive check
- Hardware Layer 3 IPv4/IPv6 Static Routing and OSPFv2
- ERPS ring data recovery time <10ms
- 48~56V DC Redundant power design; 2 DI and 2 DO
- IP30 metal case; -40 to 75 degrees C wide temperature

IGS-5225-8T2S2X
IGS-5225-8P2S2X
19" 8P/10G + 2-port 10G/2.5G SFP + 2-Port 10G SFPs+ L3 Managed Ring Switch
- Hardware IPv4/IPv6 Layer 3 Static Routing and OSPFv2
- Supports Modbus TCP/IP protocol for factory automation
- 2 10GBASE-SR/LR SFP+ slots compatible with 1000BASE-SX/LX/BX SFP
- Redundant power design: Dual 36~60V DC/48~56V DC
- -40 to 75 degrees C operating temperature

IGS-5225-8P4S
IGS-5225-8P2T4S
IGS-5225-8P2T2S
8G 802.3at/af PoE + 2G/4G SFP L2+ Managed Ring Switch
- IEEE 802.3at/af Power over Ethernet / End-Span PSE
- PoE Schedule / Schedule Power Recycling / PD Alive Check
- Supports Modbus TCP/IP protocol for factory automation
- 48V DC redundant power input design, 2 DI and 2 DO
- IEEE 802.1Q VLAN / Private VLAN / Q-in-Q / Protocol-based VLAN / MAC-based VLAN
- -40 ~ 75 degrees C operating temperature

IGS-5225-4UP1T2S
IGS-5225-4P2S
IGS-5225-4T2S
4G TP/UPOE + 2G SFP L2+ Managed Ring Switch
- IPv4/IPv6 Layer 3 Static Routing
- G.8032 ERPS ring supported
- Supports Modbus TCP/IP protocol for factory automation
- Redundant power design: Dual 12~48V DC/48~56V DC
- -40 to 75 degrees C operating temperature
- 4-port 90-watt IEEE 802.3bt PoE, up to 240-watt PoE budget (IGS-5225-4UPT2S)

IGS-10020HPT
IGS-10020PT
8G 802.3at/af PoE + 2-Port 10G/2.5G SFP L2+ Managed Ring Switch
- IEEE 802.3at/af Power over Ethernet / End-Span PSE
- PoE Schedule / Schedule Power Recycling / PD Alive Check
- Supports Modbus TCP/IP protocol for factory automation
- 48V DC redundant power input design, 2 DI and 2 DO
- IEEE 802.1Q VLAN / Private VLAN / Q-in-Q / Protocol-based VLAN / MAC-based VLAN
- -40 ~ 75 degrees C operating temperature

IGS-10020MT
8G TP + 2-Port 10G/2.5G SFP Managed Ring Switch
IGS-10080MFT
8G TP + 8-Port 10G/2.5G SFP + 2G FP TP Managed Ring Switch
- IPv4/IPv6 Management
- Secure SNMP v1, v2c and v3 / SSH / TLS Management
- 802.1Q VLAN / 802.1s MSTP / 802.3ad LACP
- Layer 2/3/4 Access Control List
- 12 ~ 48V DC redundant power design
- -40 ~ 75 degrees C operating temperature

IGS-4215-4T2S
IGS-4215-8T2S
IGS-4215-16T2S
4/8/16G TP + 2G SFP L2/L4 Managed Switch
- Secure SSH, TLS, SNMPv3 remote management
- IEEE 802.1Q VLAN, GVRP, Voice VLAN and Private VLAN
- IEEE 802.1ab LLDP, IPv4 IGMP snooping and IPv4 MLD snooping
- IP /MAC-based ACL/ DHCP snooping and IP Source Guard
- 12~48V DC/24V AC redundant power design
- -40 to 75 degrees C operating temperature

IGS-4215-4UP2S
IGS-4215-8UP2T2S
4/8/16G TP + 2G SFP L2/L4 Managed Switch
- 4-/8-port 95W IEEE 802.3bt PoE++, 240-/360-watt PoE budget
- Standard/Legacy Force Mode and chassis
- PoE schedule, scheduled power recycling and PD Alive Check
- Supports EtherS ring data recovery
- IEEE 802.1Q VLAN, GVRP, Voice VLAN and Private VLAN
- IEEE 802.1s MSTP, IPV4 IGMP Snooping and IPv6 MLD Snooping

Industrial Ethernet

IGS-4215-4P4T
4G 802.3at PoE + 4G TP L2/L4 Managed Switch
IGS-4215-4P4T2S
IGS-4215-8P2T2S
4/8G 802.3at PoE + 4/2G TP + 2G SFP L2/L4 Managed Switch
- 4/8-port IEEE 802.3at PoE+, 144/240-watt PoE budget
- PoE Schedule / Schedule Power Recycling / PD Alive Check
- 48~56V DC redundant power design
- IEEE 802.1Q VLAN, GVRP, Voice VLAN and Private VLAN
- IEEE 802.1s MSTP, IPv4 IGMP snooping and IPv6 MLD snooping
- -40 to 75 degrees C operating temperature

IGS-824UPT
4-Port 10/100/1000T 802.3bt PoE + 2-Port 10/100/1000T + 2-Port 100/1000X SFP Gigabit Ethernet Switch
- IEEE 802.3bt PoE++ standard type 4 PSE
- Supplies 90 watts over UTP cable, total PoE budget up to 240 watts
- Supports PoE Pod and Legacy detection
- -40~75 degrees C operating temperature
- 6KV DC Ethernet ESD, surge protection
- Supports 1000BASE-X and 100BASE-FX transceiver type auto-detection

IGS-1020PTF
IGS-1020PTF-12V
Industrial 8-Port 802.3at PoE + 2-Port 100/1000X SFP Ethernet Switch
- Up to 240-watt PoE budget
- 250m in distance w/ 32-watt power output in Extend mode
- 48~56V DC redundant power design
- IP30 metal case; DIN-rail and wall-mount designs
- -40 to 75 degrees C operating temperature
- 4-real-time PoE power analysis

IFGS-1022HPT
8-Port 10/100TX 802.3at PoE + 2G TP SFP Combo Ethernet Switch
- 8-Port 802.3at PoE+ end-span PSE w/30W output
- Hardware DIP switch for "Standard" and "Extend" mode selection
- The "Extend" mode features 30-watt PoE transmit distance of 250 m
- 48 ~ 56V DC redundant power design
- -40 ~ 75 degrees C operating temperature

IGS-5204PT
IGS-504HPT
IGS-614HPT
4G 802.3at PoE + 1G TP + 1G SFP Industrial Switch
- 4-port 10/100/1000 802.3at PoE+, 120~watt PoE budget
- 12~56V DC redundant power design
- 1-port 100/1000X SFP (IGS-614HPT)
- IP40 metal case; DIN-rail and wall mounting installation
- -40~75 degrees C operating temperature

IGS-604HPT-RJ
IGS-604HPT-M12
IGS-5227X-4P2T
Industrial 6-Port 802.3at PoE + 4-port 10/100/1000BASE-T Managed Switch with 4-Port 802.3at PoE+
- IP67 aluminum case, outdoor installation
- Waterproofisoprotof M12 A-coded/X-coded Ethernet connector
- G.8032 ERPS ring supported
- Supports Modbus TCP/IP protocol for factory automation
- Redundant power design: Dual 12~48V DC
- -40 to 75 degrees C operating temperature

IGS-5227-6MT-X
Industrial IP67-rated 6-Port 10/100/1000BASE-T L2+ Managed Ring Switch
- IP67 aluminum case, outdoor installation
- Waterproofisoprotof M12 A-coded/X-coded Ethernet connector
- G.8032 ERPS ring supported
- Supports Modbus TCP/IP protocol for factory automation
- Redundant power design: Dual 12~48V DC
- -40 to 75 degrees C operating temperature

IS-808PT-M12
IS-800T-M12
Industrial IP67-rated Fast Ethernet Switch
- 8 10/100Mbps M12 interfaces
- EN50155 compliant
- 4/8-port 802.3af PoE+ ports
- 12~48V DC redundant power design
- -40~75 degrees C operating temperature
- IP67 metal case/DIN rail and wall mount design
- Waterproofisoprotof M12 connector

IGS-5225-8MT
8-port 10/100/1000T M12 Ring/Repeat Flat-type Managed Switch
- Supports Rubust ring protocol for device Redundancy
- 9~48V DC wide-range power inputs and redundant power design
- -40 to 75 degrees C operating temperature range

IGS-5225-8UP25V
8G 802.3bt PoE + 2G SFP L2+ Flat-type Managed Switch
- 2.4-inch color LDC touch screen with management functions
- 802.3bt PoE++ Type-4 PSE, up to 720-watts total PoE budget
- PoE schedule, scheduled power recycling, PD alive check
- EtherS ring data recovery time <10ms
- 48~54V DC Dual power design
- IP30 aluminum case; -20 to 70 degrees C wide temperature

IGS-5225-8P2S
IGS-5225-8T2S
IGS-5225-8P2S2X
8G PoE + 2-Port 10G/2.5G SFP L2+ Flat-type Managed Switch (with LCD Touch Screen)
- 2.4-inch color LDC touch screen with management functions
- 8-port 10/100/1000BASE-T with 802.3at PoE
- 2-port 10/100/1000/2.5G/10G/2500 BASE-X SFP
- EtherS ring Data Recovery time < 20ms
- 48~56V DC Dual power design
- Supports Modbus TCP/IP Protocol
- 48~56V DC dual power design
- -20~70 degrees C operating temperature

IGS-4215-8T
IGS-4215-8T2S
8G TP/8G TP + 2G SFP L2/L4 Flat-type Managed Switch
- Dual power input system (3-pin terminal block and DC plug)
- 12V~48V DC/24V AC power input
- IPv4/IPv6 web management / Telnet / SNMP v1, v2c, v3 management
- STP/RSTP/MSTP, LACP, QoS, DHCP snooping
- Compact IP30 metal case with fanless design
- Fixed wall mounting, magnetic wall mounting and DIN-rail installation

IGS-4215-8HP2S
4G 802.3at PoE + 4G 802.3at PoE 4-port 95W Flat-type Managed Switch
- 4-port 802.3bt PoE++, up to 95 watts for each PoE++ port
- PoE schedule, scheduled power recycling, PD alive check
- Supports ITU-T G.8032 ERPS ring
- IPv4/IPv6 Secure SNMPv3, Telnet 2 and SNMPv3 remote management
- IEEE 802.1Q VLAN, GVRP, Voice VLAN and Private VLAN
- 802.1x RADIUS and TACACS+ authentication, Layer 2/3/4 ACL
- IPv6 web management / SNMP v1, v2c and v3 / SSH / SSL management
- Cable diagnostics, smart fan and power alarm

IGS-4215-16P2S
IGS-4215-8P2S
IGS-4215-4P2S
8G 802.3at PoE + 2G SFP L2/L4 Managed Switch
- 4-/8-/16-port IEEE 802.3at PoE+, up to 36 watts for each PoE port
- PoE Schedule / Scheduled Power Recycling / PD Alive Check
- IPv4/IPv6 web management, Telnet, SNMP v1, v2c, v3 remote management
- -40 to 75 degrees C operating temperature
- Dual redundant power input on 48~56V DC terminal block and power jack
- Fixed wall mounting, magnetic wall mounting and DIN-rail installation

WGS-500-4P
WGS-500-4PV
WGR-500
Industrial Wall-mount Gigabit Router
- Dynamic IP, static IP, PPPoE, L2TP, PPTP
- Firewall with 802.1Q VLAN security
- Selectable Router/Switch operation mode
- 48~56V DC dual power design (PoE models)
- 120 watt max. PoE budget (PoE models)
- 2.4-inch color LCD display model (WGR-500-4PV)

IGS-814HP
WGS-818HP
8-Port 10/100/1000T Wall-mounted Gigabit PoE+ Switch
- IEEE 802.3af PoE+ standard with output up to 30 watts
- Total PoE Budget up to 60 watts (WGS-818HP)/120 watts (WGS-818HP)
- LED indication for PoE usage and PoE status
- Hardware-based DIP switch for Standard, VLAN and Extend mode selection
- 250m in distance with data and PoE output in Extend mode
- 9KV surge protection

ICG-2515-NR
ICG-2515F-NR
ICG-2515W-NR
ICG-2515FW-NR
Industrial 5G NR Cellular Wireless Gateway with 5-Port 10/100TX
- Dual SIM for cellular network redundancy
- 1 x 1000BASE-X SFP LAN/WAN port (ICG-2515FW-NR)
- 4 10/100/1000T LAN ports and 1 10/100/1000T WAN port
- 2 DI, 2 DO and 1 RS485 port for Modbus applications
- SSL VPN and robust hybrid VPN (IPSec/PPTP/L2TP over IPSec)
- Stateful Packet Inspection (SPI) firewall and content filtering
- Firewall and Routing
- -40 to 75 degrees C operating temperature

ICG-2510W-LTE
ICG-2510WG-LTE
Industrial 4G LTE Cellular Wireless Gateway with 5-Port 10/100/1000T
- 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 IAN, NAT/DMZ, Static routing, Firewall and IP/MAC/Port filtering
- GPS antenna allows to detect the location via sat nav system (ICG-2510WG-LTE)

VCG-1500WG-LTE
Vehicle 4G LTE Cellular Wireless Gateway with 5-Port 10/100TX
- 4 10/100TX LAN ports and 1 10/100TX WAN port
- 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 CMS, for remote management

BSP-360
Industrial Renewable Energy/802.3at PoE+ Managed Switch/Router
- Dual IEEE 802.3at Power over Ethernet Interfaces
- MPPT Charge Controller supports up to 400W solar panel
- LED Indicator shows the System Operating Status for easy diagnostics
- Solar power solution realizes truly zero-carbon Green Power System
- Plug-and-Play designed for PoE devices
- Supports lithium and lead-acid batteries

Industrial Automation

ICS-110/ICS-120
10/100TX to RS232/422/485 Media Converter
- Web-based Management
- Operates as Server Mode or Converter Mode
- Supports PLANET Smart Discovery Utility
- Wall Mount or Desktop Application
- 10/19-inch Chassis compatible (MC-700 / MC-1500)

ICS-2100T/ICS-2105AT
ICS-2102T/ICS-2102TS
Industrial 1-port RS232/422/485 Serial Device Server /with 1-Port 100BASE-FX SFP
- 1-port 10/100BASE-TX (ICS-2100T)
- 1 RS232 with DB9 interface
- 1 RS422 or RS485 with terminal block interface
- Several operating modes including TCP Server, TCP Client, UDP, Remote Pair, Serial Tether, RFC2217, VCOM and Modbus converter mode
- 12 to 48V DC, redundant power with reverse polarity protection
- -40~75 degrees C operating temperature

ICS-2200T
ICS-2400T
Industrial 2-port RS232/422/485 Serial Device Server
- Supports Isolation and surge protection
- Supports Standalone or Pair operation mode
- Several operating modes including TCP Server, TCP Client, UDP, Remote Pair, Serial Tether, RFC2217, VCOM and Modbus converter mode
- 12 to 48V DC, redundant power with reverse polarity protection
- -40~75 degrees C operating temperature

IMG-2100T/IMG-2105AT
IMG-2102T/IMG-2102TS
Industrial 1-port RS232/422/485 Modbus Gateway/ with 1-Port 100BASE-FX SFP
- 1-port 10/100BASE-TX (IMG-2100T)
- 1 RS232 with DB9 interface
- 1 RS422 or RS485 with terminal block interface
- RTU Master, RTU Slave, ASCII Master, and ASCII Slave operation modes
- 9 to 48V DC / 24V AC, redundant power
- -40 to 75 degrees C operating temperature

IMG-2200T
IMG-2400T
Industrial 2-/4-port RS232/422/485 Modbus Gateway
- 2-port 10/100BASE-TX
- 2/4 RS232/RS422/RS485 with DB9 interface
- RTU Master, RTU Slave, ASCII Master, and ASCII Slave operation modes
- 12 to 48V DC, redundant power design
- -40 to 75 degrees C operating temperature

IEC5-1116DI
IEC5-1116DO
Industrial EtherCAT Slave I/O Module with Isolated 16-ch Digital Input/ Output
- Built-in isolated 16 digital inputs/outputs
- LED indication for the status
- Removable terminal block connector
- 9~48V DC Wide input voltage range
- EtherCAT Distributed Clock (DC) mode and SyncManager mode
- EtherCAT conformance test tool verified

IECC-2107T/IECC-2108
Industrial EtherCAT Fiber Optic Media Converter
- EtherCAT conformance test tool verified
- 1-Port 100BASE-FX SFP slot
- Dual 9~48V DC wide input voltage range
- -40 to 75 degrees C operating temperature
- IP30 metal case, DIN-rail and wall mount designs

LoRa AIoT Communication

LCG-300
LCG-300W
LCG-300-NR
Nodes Industrial LoRaWAN Gateway for 300
- 8 programmable parallel demodulation paths
- Supports Frequency Hopping Spread Spectrum/ Sub 1G
- Web UI for LoRa and network configuration
- Supports robust hybrid VPN (IPsec/PPTP/L2TP over IPSec)
- DC 9~36V redundant power; -40 to 75 degrees C operating temperature
- IP30 metal case with DIN-rail or wall-mount design
- 5G/NR/4G LTE cellular network connected for data transmission (LCG-300-NR)

LN1152
Indoor IP30 LoRa Node Controller
LN501
Outdoor IP67 LoRa Node Controller
- Convert serial and I/O data to LoRa environment
- Supports RS232, RS485, DI and DO interfaces
- Compliant with LoRaWAN® 1.0.3 class C
- Supports EU868,AU915,US915,AS923

LN1130/LN1140
LoRa Node Controller
- Ultra-wide distance transmission up to 10km with line of sight
- Easy to connect with multiple wired sensors through RS232/RS485 interfaces
- Triggers multiple conditions and actions
- Compliant with standard LoRaWAN gateways and networkers 1.0.2
- DC power with reverse polarity protection (AC 24V power adapter acceptable)
- Industrial metal case IP30 design with -40°C~75°C temperature range
- 2 DI/DO interfaces for operating application (for LN1140)

Power over Ethernet

GS5-6341-24P4X
24G 802.3at PoE + 4G SFP Stackable Layer 3 Managed Switch
- 24 port 802.3at PoE+, 370 watt PoE Budget
- IP Routing Protocols: Static routing, RIPv1/v2, OSPFv2 and VRRP
- IEEE 802.1Q VLAN, Private VLAN and GVRP for VLAN management
- ITU-G.8032 ERPS (Ethernet Ring Protection Switching)
- Hardware Stack: Up to 8 units and single IP address management

GS5-6310-24P4X
GS5-6310-48P6XR
24/48-Port Gigabit PoE + 6/6-Port 10G SFP+ Layer 3 Stackable Switch
- 24/48-port 802.3at PoE+, 370/740-watt PoE Budget
- IP Routing Protocols: Static routing, RIPv1/v2, OSPFv2 and VRRP
- IEEE 802.1Q VLAN, Private VLAN and GVRP for VLAN management
- ITU-G.8032

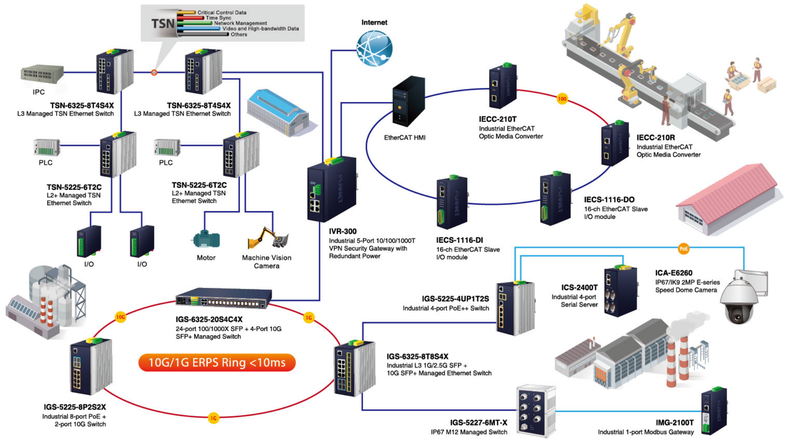
Intelligent IoT & IIoT Network Infrastructure Solutions

PLANET Networking & Communication

Coaxial Cable · VDSL2 · Telephone wire · 100BASE-TX UTP · 100BASE-TX UTP with PoE · 1000BASE-T UTP · 1000BASE-T UTP with PoE · 10GBASE-SR/LR Fiber-optic · 1000BASE-SX/LX Fiber-optic · 100BASE-FX Fiber-optic · 2.4GHz 802.11n · 5GHz 802.11n · 5GHz 802.11a/n · Z-Wave · 5GHz 802.11ac · 4G LTE

Industry 4.0

Advanced connection for enhanced network infrastructure



Powerful Industrial VPN Security Solution

Industrial VPN Security Gateway with Redundant Power
IVR-300

- Dual-WAN function
- 1 USB 3.0 port for system configuration backup and firmware upgrade
- 2 x DI/DO and 1 serial port (RS485) for Modbus applications

Guaranteed Delivery of Time-Sensitive Data

Industrial L3 1G/2.5G SFP + 10GBASE-X SFP+ Managed TSN Ethernet Switch
TSN-6325-8T4S4X

- Integration of major TSN protocols
- IPv4 and IPv6 dual stack management
- Dual power input, redundant power with reverse polarity protection

10Gbps Fiber Ports for High-speed Networking

Industrial L3 100/1G SFP with 4 Shared TP + 1G/2.5G SFP + 10G SFP+ Managed Ethernet Switch
IGS-6325-20S4C4X

- Supports maximum 128 static routes and route summarization
- IP dynamic routing protocol supports OSPFv2
- Routing interface provides per VLAN routing mode

Universal Network Management System

Smart central management over all network devices

Smart Central Management Over All Network Devices

PLANET Network Management System (NMS) Solution successfully integrates MQTT, SNMP, ONVIF protocol and PLANET Smart Discovery to enable IT administrators to monitor and further manage up to 10 types of networking devices, covering switches, routers, VoIP, IP Surveillance devices and more.

SNMP · ONVIF · MQTT · PLANET Smart Discovery

Complete Network Management Control

PLANET NMS solution

- Centralized control of up to 102,400 nodes
- System upgrade and license (free of charge)
- Intuitive and user-friendly management functions
- Cloud management via PLANET DDNS and Google Map
- 24/7 remote access and management from mobile devices

PLANET CloudViewer	UNC-NMS	NMS-1000V 10"/12"	NMS-500	NMS-360V 10"/12"	NMS-360
Cloud-based Monitoring App	Universal Network Management Central Controller	Universal Network Management Controller with LCD Touch Screen	Universal Network Management Controller	Renewable Energy Management Controller with LCD Touch Screen	Renewable Energy Management Controller

Dashboard — Providing the at-a-glance view of center system, site summary, site map, traffic, PoE network status.

NMS — To auto-detect PLANET managed devices with remotely monitor and control function.

Site Map — To create site list, site map for NMS agent management.

Event Reports — The status of a network can be reported via network alarm, system log, and SNMP trap.

Topology Viewer — A topology of network devices compliant with SNMP and LLTD Protocol.

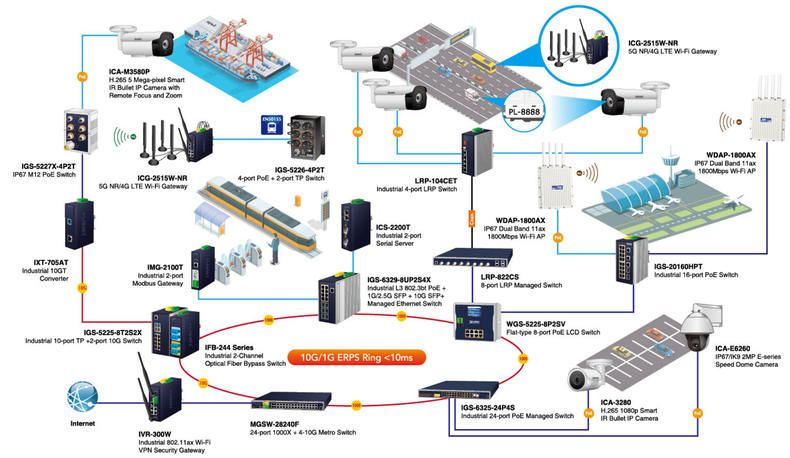
MQTT/IOT — Reliably handle the complexities of delivering messages for mobile applications while keeping management low cost.

Statistic — To show Top 10 Event Report, History Comparison function, Critical Events for devices.

AP Control — Supports AP controller with group profile provisioning setting.

Transportation, ITS

Implementation of high-speed networking for efficiency of transportation



Heavy-duty Switch

Industrial IP67-rated 802.3at PoE+ Managed Ethernet Switch
IGS-5227X-4P2T

- Up to 144 watt 4 port M12 802.3at PoE+
- M23, 5-pin A-coded power input
- SMTP/SNMP trap event alert

Fast Outdoor Wireless Connection

Dual Band 802.11ax 1800Mbps Outdoor Wireless AP
WDAP-1800AX

- Maximum wireless speed of 1200Mbps in dual band
- IP67 rating, IEEE 802.3at PoE design
- 20KV surge protection for wire cable interface

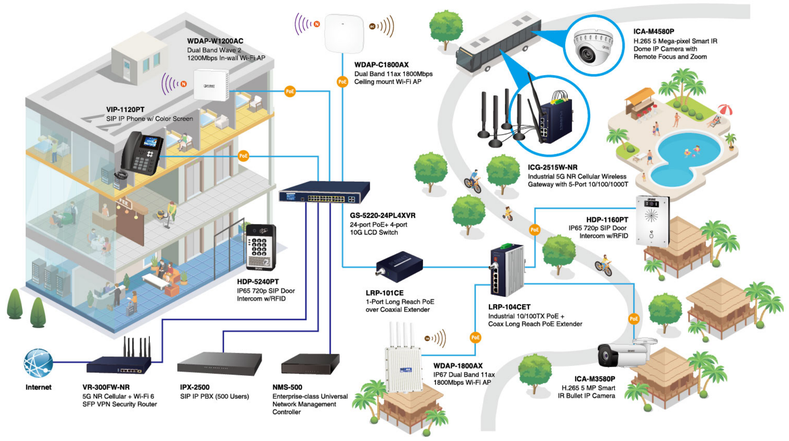
Optimized High-Speed Connection

Industrial 5G NR Cellular Wireless Gateway with 5-Port 10/100/1000T
ICG-2515W-NR

- Global 5G NR (NSA/SA)/4G LTE network
- Complies with IEEE 802.11ax and IEEE 802.11a/b/g/n/ac standards
- Planet CloudViewer app supported

Hotels & Resorts

A smooth network connection for vacationers



10G Ethernet Switch Solution for SMBs

L3 802.3at PoE + 4-Port 10G SFP+ Managed Switch
GS-5220-24PL4XVR

- Complies with IEEE 802.3at PoE+/end-span PSE
- Supports IPv4 IGMP snooping v1, v2 and v3
- Supports maximum 128 static routes and route summarization

Central Management

Enterprise-class Universal Network Management Controller
NMS-500

- Manage a network of up to 512 nodes
- At-a-glance view of system and wireless network status
- Optimizing AP deployment with actual signal coverage

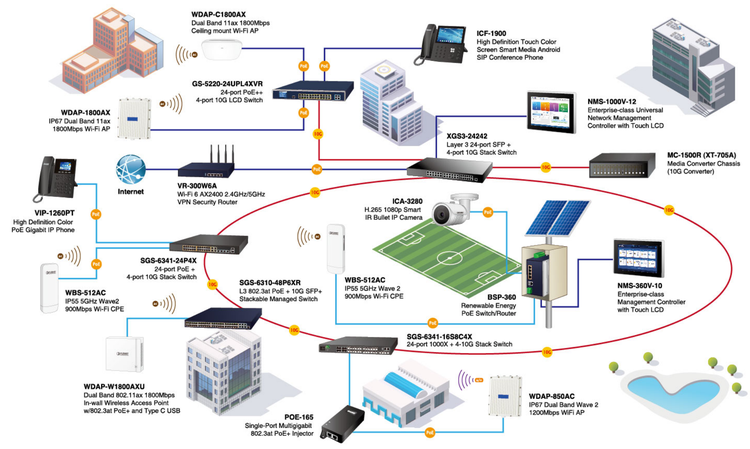
Ultra-high-speed Wireless LAN Solution

Dual Band 802.11ax 1800Mbps Ceiling-mount Wireless AP
WDAP-C1800AX

- Supports PLANET AP controller and CloudViewer app
- Wi-Fi 6 wireless connection
- WPA3 next-generation security

Digital Campus

Optimized on-campus network connectivity



Green Power Solution

Industrial Renewable Power Managed Switch/ Router with 802.3at PoE+
BSP-360

- Dual IEEE 802.3at Power over Ethernet interfaces
- MPPT supports PV module input of up to 400W
- Supports lithium and lead-acid battery

Powerful L3 PoE Managed Switch

L3 802.3at PoE + 10G SFP+ Stackable Managed Switch
SGS-6341-24P4X

- Complies with IEEE 802.3at Power over Ethernet Plus, end-span PSE
- PoE schedule for energy saving
- Up to 30 watts for each PoE port

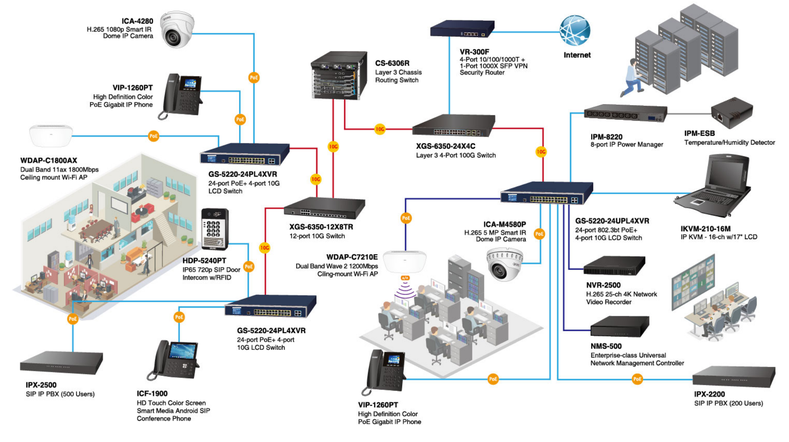
Ultra-high-speed Wi-Fi 6 Wireless LAN Solution

Dual Band 802.11ax 1800Mbps In-wall Wireless Access Point
WDAP-W1800AXU

- Compliant with the IEEE 802.11a/b/g/n/ac/ax wireless technology
- Multiple operation modes: AP, gateway and repeater
- Full encryption supported

Enterprises, SMBs, Smart Buildings

Enhanced business network for high-bandwidth and high-speed fast connection



Powerful Solution for Long-Reach Networks

L3 10G SFP+ + 100G QSFP28 Managed Switch
XGS-6350-24X4C

- Powerful Gigabit Ethernet performance
- IEEE 802.1Q, Private VLAN and GVRP for VLAN management
- IP Stack: up to 24 units and single IP stack

High Bandwidth for Core Networking

6-slot Layer 3 IPv6/IPv4 Routing Chassis Switch
CS-6306R

- IP Multicast Routing: IGMP, PIM-DM/SM, DVMRP
- Gigabit wire-speed L3 IPv4 and IPv6 routing
- 6 open module slots design

Excellently Efficient Surveillance Video

H.265 5 Mega-pixel Smart IR Dome IP Camera
ICA-M4580P

- Remote smart focus for remote and precise focus adjustment
- 1/2.7" 5 mega-pixel SmartSens CMOS sensor
- Built-in smart IR illuminators up to 25 meters