





2020 Product Portfolio All-Inclusive IP Infrastructure Innovations

LAN Switches

Wireless LANs

- Industrial Ethernet
- Power over Ethernet
- Media Conversions
- Broadband Communications
 - Home Automation

IP Surveillance

IP Telephony

Network Security

Network Peripherals

Network Management

Pioneer of IP Innovation



LAN Switches				
	XGS3-42000R 4-Slot Layer 3 IPv6/IPv4 Routing Chassis Switch	 Gigabit Wire-speed Layer 3 IPv4/IPv6 Routing Four Slots for optional Gigabit /10G/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 		
11111111111111111111111111111111111111	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, RIM-DM/SM, DVMRP Layer 2/3/4 Access Control List IP Stack Management 100~240V AC/48V DC Power Redundant 		
100G	XGS-6350-24X4C Layer 3 24-Port 10G 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, OSFv2 IP multicast features: IGMP snooping v1/v2/v3, multicast group policy IEEE 802.10, Private VLAN and GVRP for VLAN management L2, L3 and L4 Access Control List and IEEE 802.1x support IEEE 802.1d/1w/1s Spanning Tree Protocol SNMP v1/v2c/v3 and RMON Groups 1, 2, 3, 9 		
	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-6341-16S8C4XR 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 		
	GS-5220-16T2XV/R GS-5220-24T4XV/R 16G/24G + 2/4 10G SFP+ Layer 3 Enterprise Switch with LCD Touch Screen	 16/24-port 10/100/1000T Enthernet port for Gigabit uplink 2/4-port 1/10G BASE-X SFP+ for Gigabit uplink Layer 3 OSPFv2 dynamic routing, 128 static IP routes and route summarization ITU-T G.8032 ERPS (Ethernet Ring Protection Switching) Convenient and Smart ONVIF devices with detection feature SNMPv3/SSH/SSL secure access 		
<u>6* +::::,,,,,,,,</u> ,,,,,,,,,,,,,,,,,,,,,,,,,	SGS-5220-24T2X SGS-5220-24P2X SGS-5220-24S2XR 24G + 2 10G Stackable L2+ Managed Switch	 Up to 16 units, 384 Gigabit ports and 32 10Gbps SFP+ slots connectivity per stack group Single IP management / Plug and Play hardware stacking IPv4/IPv6 Layer 3 Static Routing IEEE 802.1Q VLAN / Private VLAN / Q-in-Q IGMP snooping v2 and v3 / MLD snooping IEEE 802.1S MSTP and loop protection IPv6 Web interface / SNMP v1, v2c and v3 / SSH / SSL Management 		
	GS-5220-16T4S2X GS-5220-20T4C4X GS-5220-48T4X 20G/24G/48G + 2/4 10G SFP- L2+ Backbone Switch	 2/4 10G SFP+ slots, compatible with 1000BASE-X SFP IPv4/IPv6 Dual Stack Management Web / SNMP v1, v2c, v3 / Telnet Remote IP Management IEEE 802.10/1w/1s STP, Layer 2/3/4 ACL IEEE 802.10 VLAN / Private VLAN / Q-in-Q 802.1x / RADIUS / TACACS+ Authentication IGMP Snooping v1, v2 and v3 / MLD Snooping v1 and v2 IPv4/IPv6 Layer 3 Static Routing 		
	GS-5220-16S8C GS-5220-16S8CR 24G Fiber L2+ Backbone Switch	 100BASE-FX / 1000BASE-SX/LX SFP Auto Detection Hardware Stackable up to 16 units, 384 SFP slots IEEE 802.1Q VLAN / Private VLAN / Q-in-Q Policy-based QoS Control List / Bandwidth Control Layer 2/3/4 Access Control List SNMP v1, v2c, v3 100~240V AC / 48V DC Power Redundant (GS-5220-1658CR) 		
	GS-4210-16T2S GS-4210-24T2S GS-4210-48T4S 28-/52-Port Gigabit Managed Switch	 IEEE 802.1Q VLAN, GVRP, voice VLAN and private VLAN IEEE 802.1s MSTP, IPv4 IGMP snooping and IPv6 MLD snooping 802.1x RADIUS and TACACS+ authentication, L2-L4 ACL IPv6 web management / SNMP v1, v2c and v3 / SSH / SSL management Cable diagnostics, smart fan and power alarm 		
	MGSW-10080F MGSW-24160F 10-/24-Port Managed Metro Switch	 IP30 Metal Case and Fanless Design Redundant Power System: Dual 36V-72V DC or 100V-240V AC -10~60 degrees C operating temperature IPv4/IPv6 Dual Stack Management IEEE 802.1D/1w/1s Ethernet Redundancy Layer 2/3/4 ACL and Port Security Web / SNMP v1, v2c, v3 / Telnet Remote IP Management 		
	MGSW-28240F 24G SFP Fiber-optic Slots + 4-Port 10G SFP + Managed Metro Switch	 24-port 100/1000X SFP mini-GBIC Slots with 4-port Shared Copper Interfaces Independent 4-port IGbps/10Gbps Fiber-optic SFP Interfaces Front-access Interface improves operating efficiency Digital Input/Output controlling and redundant power input system -10~60 degrees C operating temperature Supports SSH / SSL / 802.1Q VLAN / 802.1x / ACL control Supports WEB/Telnet/SNMP Interface and IPv4/IPv6 System Management 		
	Industr	ial Ethernet		
	IGS-6325-20T4C4X IGS-6325-20S4C4X 19" 24G + 4-port 10G SFP+ L3 Managed Ring Switch	 4-port 1/10G 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/SSL 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	ERPS ring data recovery time <10ms Fanless and 48~56V DC redundant power		
	IGS-6325-8T8S4X 8G TP + 8G SFP + 4-port 10G SFP+ Layer 3 Managed Ring Switch IGS-6325-8T8S 8G TP + 8G 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; 2 DI and 2 DO Supports Modbus TCP/IP protocol for factory automation IP30 metal case; -40 to 75 degrees C wide temperature 		
	IGSW-24040T 19" 24G with 4-Port SFP L2+ Managed Ring Switch	 IPv4/IPv6 dual stack management G.8032 ERPS ring supported Supports Modbus TCP/IP protocol for factory automation Layer 2/3/4 ACL and port security Web / SNMP v1, v2c, and v3 / Telnet remote IP management Redundant Power System: Dual 36V~72V DC or 100V~240V AC IP30 metal case and fanless design -40~75 degrees C operating temperature 		
	IGS-20040MT 16G TP + 4G SFP L2+ Managed Ring Switch IGS-12040MT 8G TP + 4G SFP L2+ Managed Ring Switch	 IPv4/IPv6 Layer 3 Static Routing Secure SNMP v1, v2c and v3 / SSH / SSL Management 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 		
30W	IGS-6325-16P4S IGS-20160HPT 16G 802.3at PoE+ + 4G SFP L3 Managed Ring Switch	 16-port 10/100/1000 BASE-X RJ45 PoE+ Gigabit uplink 4-port 1G 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/SSL secure access 		
	IGS-6325-8UP2S2X 8G 802.3bt P0E + 2G SFP + 2-port 10G SFP+ L3 Managed Ring Switch IGS-6325-8UP2S 8G 802.3bt P0E + 2G SFP L3 Managed Ring Switch	 802.3bt PoE++ Type-4 PSE PoE schedule, schedule 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 		
30W 10G	IGS-5225-8T2S2X IGS-5225-8P2S2X 8G TP/PoE + 2G SFP + 2-Port 10G SFP+ 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-5225-8P2T2S 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 IPv6 Web Interface / Console / SNMP v1, v2c and v3 / SSH / SSL Management IEEE 802.1Q VLAN / Private VLAN / Q-in-Q / Protocol-based VLAN / MAC-based VLAN -40 ~ 75 degrees C operating temperature 		
60W 30W	IGS-5225-4UP1T2S IGS-5225-4P2S IGS-5225-4T2S 4G TP/UP0E + 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-5225-4UP1T25) 		
30W	IGS-10020HPT IGS-10020PT 8G 802.3at/af PoE+ 2G 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 Dl and 2 DO IPv6 Web Interface / Console / SNMP v1, v2c and v3 / SSH / SSL Management IEEE 802.1Q VLAN / Private VLAN / Q-in-Q / Protocol-based VLAN / MAC-based VLAN -40 ~ 75 degrees C operating temperature 		
a H imm	IGS-10020MT 8G TP + 2G SFP Managed Ring Switch IGS-10080MFT 8G SFP + 2G TP	 IPv4/IPv6 Management Secure SNMP v1, v2c and v3 / SSH / SSL Management 802.1Q VLAN / 802.1s MSTP / 802.3ad LACP QoS / IGMP Snooping / Storm Control Layer 2/3/4 Access Control List 12 ~ 48V DC redundant power design 		

IPv4/IPv6 Management

-40 ~ 75 degrees C operating temperature

12~48V DC/24V AC redundant power design

-40 to 75 degrees C operating temperature

-40 to 75 degrees C operating temperature

8-Port 802.3at PoE+ end-span PSE w/30W output

• 2 TP/SFP Combo interfaces for Gigabit uplink

IP30 aluminum metal case / DIN rail and wall mount design

IEEE 802.1s MSTP, IPv4 IGMP snooping and IPv6 MLD snooping

PoE Schedule / Schedule Power Recycling / PD Alive Check

IEEE 802.15 MSTN, IPV4 IGMP snooping and IPV6 MLD snooping
 IPV6 web interface, SNMP v1, v2c and v3, SSH, SSL management

Hardware DIP switch for "Standard" and "Extend" mode selection

The "Extend" mode features 30-watt PoE transmit distance of 250m
48 ~ 56V DC redundant power design
-40 ~ 75 degrees C operating temperature

48~56V DC redundant power design
 IEEE 802.1Q VLAN, GVRP, Voice VLAN and Private VLAN

Frequencies
 Secure SSH, SSL, SNMPv3 remote management
 IEEE 802.1Q VLAN, GVRP, Voice VLAN and Private VLAN

4/8-port IEEE 802.3at PoE+, 144/240-watt PoE budget

IP-/MAC-based ACL; DHCP snooping and IP Source Guard

Managed Ring Switch

IGS-4215-16T2S

L2/L4 Managed Switch

4G 802.3at PoE + 4G TP

L2/L4 Managed Switch

IGS-4215-4P4T2S

IGS-4215-8P2T2S

L2/L4 Managed Switch

8-Port 10/100TX 802.3at PoE + 2G TP/ SFP combo

4/8G 802.3at PoE +

4/2G TP + 2G SFP

IFGS-1022HPT

Ethernet Switch

16G TP + 2G SFP

IGS-4215-4P4T

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Industri	al Ethernet
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 budge 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-5227-4MP2MT Industrial IP67-rated 6-Port 10/100/1000BASE-T Managed Switch with 4-Port 802.3at PoE+	 IP67 aluminum case, outdoor installation Waterproof/dustproof RJ45/M12 Ethernet connector Supports Modbus TCP/IP protocol for factory automation ENS0155 compliant 4 x 30W IEEE 802.3at PoE+ PSE port PoE Schedule / Scheduled Power Recycling / PD Alive Check Secure SSL / SSH / SNMP v3 Management ERPS ring supported MSTP / BPDU Guard / Loop Protection
IGS-5227-6MT IGS-5227-6MT-X Industrial IP67-rated 6-Port 10/100/1000BASE-T L2+ Managed Ring Switch	 IP67 aluminum case, outdoor installation Waterproof/dustproof M12 A-coded/X-coded Ethernet connector 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 -40 to 75 degrees C operating temperature
IGS-5226-4P2T Industrial IP50-rated 6-Port 10/1000BSE-T L2+ Managed Ring Switch with 4-Port 802.3at PoE+	 Waterproof/dustproof RJ45 Ethernet connector 4-port IEEE 802.3at PoE, up to 144-watt PoE budget IPv4/IPv6 Layer 3 Static Routing G.8032 ERPS ring supported Supports Modbus TCP/IP protocol for factory automation -40 to 75 degrees C operating temperature
ISW-808PF-M12 ISW-804PT-M12 ISW-800T-M12 Industrial IP67-rated Fast Ethernet Switch	 8 10/100Mbps M12 interfaces ENS0155 compliant 4/8-port 802.3at P0E+ ports 12~48V DC redundant power design -40~75 degrees C operating temperature IP67 metal case/DIN rail and wall mount design Waterproof/dustproof design
WGS-5225-8P2SV WGS-5225-8T2SV WGS-5225-8P2S 8G PoE + 2G SFP L2+ Flat-type Managed Switch (with LCD Touch Screen)	 2.4-inch color LCD touch screen with management functions 8-port 10/100/1000BASE-T with 802.3at PoE+ 2-port 100/1000BASE-X SFP ERPS Ring Data Recovery time < 20ms IPv4/IPv6 Layer 3 static routing Supports Modbus TCP/IP Protocol 48-56V DC dual power design
WGS-4215-8T WGS-4215-8T2S &G 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 remote management STP/RSTP/MSTP, LACP, ACL, QoS, DHCP snooping Compact IP30 metal case with fanless design Fixed wall mounting, magnetic wall mounting and DIN-rail installation
WGS-4215-8P2S 8G 802.3at PoE + 4G SFP L2/L4 Flat-type Managed Switch WGS-804HPT 4G 802.3at PoE + 4G TP L2/L4 Flat-type 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
WGR-500-4P WGR-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) USB backup and restore of system (PoE models) 120 watt max. PoE budget (PoE models) 2.4-inch color LCD touch screen (WGR-500-4PV)
ICG-2420-LTE ICG-2420G-LTE Industrial 4G LTE Cellular Gateway with 4-Port 10/100TX	 2.4-Incrition LCD routinscreter (WokeSub-4PV) Dual SIM cards for 3G/4G cellular network redundancy 3 10/100TX LAN ports and 1 10/100TX WAN port 2 DI and 1 DO ports, 2 RS232 and 1 RS485 serial ports Supports OpenVPN, IPSec Global positioning system Included (ICG-2420G-LTE) -20 to 70 degrees C operating temperature IP40 aluminum case, DIN rail and fanless design
ICG-2510W-LTE ICG-2510WG-LTE Industrial 4G LTE Cellular Wireless Gateway with 5-Port 10/100/1000T	 S-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/gn/ac dual- band for mobile client connectivity Multiple VPN with IPSEC, Open/VPN, PPTP, L2TP, GRE and VPN Failover Full security with VLAN, 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 GRE, PPTP, IPSec and L2TP 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 LED Indicator shows the System Operating Status for easy diagnostic Solar power solution realizes truly zero-carbon Green Power System Plug-and-Play designed for PoE devices
ICS-2200T ICS-2400T Industrial 2-/4-port RS232/422/485 Serial Device Server	 Supports isolation and surge protection Built-in IP-based Web interface and Telnet interface for remote management Supports Standalone or Pair operation Several serial operating modes including TCP Server, TCP Client, UDP, Remote Pair, Serial Telnet, RFC2217, VCOM and Modbus converter mode 12 to 48V DC, redundant power with reverse polarity protection -40 to 75 degrees C operating temperature
IMG-110T IMG-120T Industrial 1-/2-Port RS422/485 Modbus Gateway	 One/Two RS422/RS485 port(s) for Fast Ethernet 10/100BASE-TX application Built-in IP-based Web interface and telnet interface for remote management RTU Master, RTU Slave, ASCII Master, and ASCII Slave operation modes Master mode supports 32 slave TCP connection requests; slave mode supports 16 TCP master connections PLANET Modbus Gateway utility and Smart Discovery utility support 2-contact terminal block connector for DC 9-48V power input
IECS-1116DI IECS-1116DO Industrial EtherCAT Slave I/O Module with Isolated 16-ch Digital Input/ Output	 Built-in isolated 16 digital inputs/outputs LED indicators for the output 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
Power ov	ver Ethernet
SGS-6341-24P4X SGS-6341-48P4X 24G 802.3at POE + 4G SFP Stackable Layer 3 Managed Switch	 24/48-port 802.3at PoE+, 370/720-watt PoE budget IP Routing Protocols: Static Routing and RIP v1, v2; OSFP v1, v2 dynamic routing IPv4/IPv6 web management; SNMP v1, v2c and v3; SSH / SSL management IEEE 802.1Q VLAN, Q-in-Q, private VLAN, GVRP IGMP snooping v1, v2 and v3; MLD snooping v1 and v2 IP Stack: Up to 24 units and single IP address stack management
GS-5220-24UP(L)4XV(R) GS-5220-16UP2XV(R) L3 16C/24G UPoE + 2 10G SFP+ Managed Switch with LCD Touch Screen	 2.4-inch color LCD touch screen with management functions Supports up to 95 watts of PoE power IPv4/IPv6 Layer 3 static routing and route summarization IEEE 802.1Q VLAN, Q-in-Q, Protocol-based and MAC-based VLANs PoE schedule, scheduled power recycling, PD alive check Supports ONVIF detection 2/4 10GBASE-SR/LR SFP+ slots, backward compatible with 1000BASE-SX/LX/BX SFP 100~240V AC for switch system and PoE: 36~60V DC for switch system
GS-5220-16UP4S2X GS-5220-24UP4X 16G/24G UPOE + 2/4 10G SFP+/ 24G 802.3at POE + 4 10G SFP+ L3 Managed Switch	 10GBASE-SR/LR SFP+ slots, compatible with 1000BASE-SX/LX/BX SFP 16-/24-port 60W 802.3bt PoE, 400-watt PoE budget (GS-5220-16UP452X / GS-5220-24UP4X) 24-port IEEE 802.3at PoE, 400-watt PoE budget (GS-5220-24P4X) PoE Schedule / Schedule Power Recycling / PD Alive Check IPv4/IPv6 Layer 3 Static Routing Intelligent SFP digital diagnostic monitor (DDM) IEEE 802.1s MSTP and loop protection Multicast VLAN registration and voice VLAN
GS-5220-24P(L)4XV(R) GS-5220-16P2XV(R) L3 16C/24G PoE + 2 10G SFP+ Managed Switch with LCD Touch Screen	 2.4-inch color LCD touch screen with management functions Supports up to 36 watts of PoE power for each PoE port IPv4/IPv6 Layer 3 static routing and route summarization IEEE 802.1Q VLAN, Q-in-Q, Protocol-based and MAC-based VLANs PoE schedule, scheduled power recycling, PD alive check Supports ONVIF detection 2/4 10GBASE-SR/LR SFP+ slots, backward compatible with 1000BASE-SX/LX/BX SFP
GS-5220-24P(L)4X(R) GS-5220-48P(L)4XR L3 24G/48G UP0E + 4 10G SFP+ Managed Switch	 Convenient and Smart ONVIF Devices with Detection Feature Supports PoE Power up to 36 watts for each PoE port 4 10GBASE-SR/LR SFP+ slots, compatible with 1000BASE-SX/LX/BX SFP IPv4/IPv6 Layer 3 static routing and route summarization IEEE 802.1Q VLAN, Q-in-Q, Protocol-based and MAC-based VLANs 100~240V AC, 36~60V DC redundant power for system PoE schedule, scheduled power recycling, PD alive check
GS-5220-8P2T2X GS-5220-8UP2T2X L3+ 8-Port 10/100/1000T 802.3at/bt POE + 2-Port 1G/10G SFP+ Managed Switch	 8-Port 10/100/1000BASE-T with 36W/95W PoE injector 2-port 1/10G BASE-X SFP+ Up to 8 ports of IEEE 802.3af/802.3at devices powered Layer 3 IP Routing, IGMP/ MLD Snooping port filtering Supports IPv6, VLAN, SSH/SSL, SNMP
MGS-5220-8P2X L2+ 8-Port 2.5G 802.3at PoE + 2-Port 1G/10G SFP+ Managed Multigigabit Switch	 8-Port 10/100/2500BASE-T with 36W PoE injector 2-port 1/10G BASE-X SFP+ Up to 8 ports of IEEE 802.3af/802.3at devices powered Layer 3 IP Routing, IGMP/ MLD Snooping port filtering Supports IPv6 ,VLAN, SSH/SSL, SNMP
WGSW-24040HP WGSW-24040HP4 24G 802.3at PoE + 4G shared SFP Managed Switch	 IEEE 802.3at/af Power over Ethernet / End-Span PSE 220-watt/440-watt PoE Budget / Remote PoE Power Control Power Feeding On/Off, Power Schedule, PD Alive Check Function IPv6 Web Interface / SNIP 41, vz and v3 / SSH / SSL Management IEEE 802.1Q VLAN / Private VLAN / Q-in-Q / Protocol-based VLAN / MAC-based VLAN IGMP Snooping v1, v2 and v3 / MLD Snooping v1and v2
GS-5220-8P2T2S WGSW-20160HP 8G/16G 802.3at PoE+ Managed Switch	 IEEE 802.3at/af Power over Ethernet / End-Span PSE 150-watt/230-watt POE Budget / Remote PoE Power Control IEEE 802.1D/1w/1s Spanning Tree Protocol IEEE 802.1Q VLAN / Private VLAN / Q-in-Q Layer 2/3/4 Access Control List / QoS Control List IPv6 Web interface / SNMP / SSH / SSL Management
GS-4210-24P4C GS-4210-24PL4C 24G 802.3at PoE + 4G TP/SFP L2/L4 Managed Switch GS-4210-48P4S 48G 802.3at PoE + 4G SFP L2/L4 Managed Switch	 24-/48-port 802.3at PoE, 220-/440-watt PoE budget PoE Schedule / Scheduled Power Recycling / PD Alive Check IEEE 802.10 VLAN, GVRP, voice VLAN and private VLAN IEEE 802.1s MSTP, IPv4 IGMP snooping and IPv6 MLD snooping 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
GS-4210-16P2S 16G 802.3at POE+ 2G SFP L2/L4 Managed Switch GS-4210-16P4C 16G 802.3at POE+ 4G TP/ SFP L2/L4 Managed Switch	 16-port 802.3at PoE, 220-watt PoE budget PoE Schedule / Scheduled Power Recycling / PD Alive Check IEEE 802.1Q VLAN, GVRP, voice VLAN and private VLAN IEEE 802.1S MSTP, IPv4 IGMP snooping / IPv6 MLD snooping 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
GS-4210-8P2T2S GS-4210-8P2S 8G 802.3at PoE+ Managed Desktop Switch	 240-watt/125-watt PoE budget / Remote PoE Power Control PD Alive Check / Scheduled Power Recycling/ Time-based PoE Schedule IEEE 802.1Q VLAN / Voice VLAN / Private VLAN / Q-in-Q IGMP snooping v2 and v3 / MLD snooping IPv6 Web interface / SNMP v1, v2c and v3 / SSH / SSL management 13-inch desktop size, 19-inch Rack-mountable

30W

9

60W 90W

60W

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30W

	Dowero	ver Ethernet
60W	GS-4210-16UP4C GS-4210-24UP4C	 16-/24-port 802.3bt PoE++, 400-watt/600-watt PoE budget Compatible with 802,3at PoE+ type II
	16G/24G 60W Ultra PoE + 4G TP/SFP L2/L4 Managed Switch	 PoE Schedule / Scheduled Power Recycling / PD Alive Check IEEE 802.1Q VLAN, GVRP, voice VLAN and private VLAN IEEE 802.1s MSTP, IPv4 IGMP snooping and IPv6 MLD snooping IPv6 web management / SNMP v1, v2c and v3 / SSH / SSL management
	FGSD-1008HPS FGSW-1816HPS FGSW-2624HPS FGSW-2624HPS4 8-/16-/24-Port 802.3at PoE + 2G Managed Switch	 120-/220-/400-watt PoE budget PoE Management / PoE Status / PoE Schedule IEEE 802.1Q VLAN / Port-based VLAN IEEE 802.1D/1w Spanning Tree Protocol IEEE 802.3ad Link Aggregation Control Protocol IGMP snooping v1 and v2
	FGSD-1022VHP FGSW-1822VHP FGSW-2622VHP 8-/16-/24-Port 802.3at POE + 2G TP/SFP LCD POE Switch	 LCD Monitor for system status and PoE usage status display 8/16/24-port 10/100BASE-TX Fast Ethernet RJ45 copper End-span (120/300-watt PoE budget) Per PoE port supports up to 30-watt VLAN Isolation Mode IP surveillance application Metal case, internal power design
1 1 1 1 1 1	FGSW-2022VHP 12-Port 10/100TX 802.3at PoE + 4-Port 10/100TX 802.3bt PoE + 2-Port Gigabit TP + 2-Port SFP Ethernet Switch with LCD Management	 2-inch color LCD with smart management functions VLAN isolation mode for IP surveillance application IEEE 802.3at/bt PoE standard compliant Ports 1 to 4 support up to 60 watts; ports 5 to 16 support up to 30 watts 300-watt PoE budget Auto Poe detection and Plug & Pay installation
	GSD-1222VHP GSW-1820VHP GSW-2620VHP 8/16/24G 802.3at LCD PoE+ Switch	 Auto Poe detection and Pidg & Pay installation LCD Monitor for system status and PoE usage status display 10/16/24-port 10/100/1000BASE-T Gigabit Ethernet RJ45 copper End-span (120/300-watt PoE budget) Per PoE port supports up to 30-watt VLAN Isolation Mode IP surveillance application Metal case, internal power design
	FSD-1008HP GSD-1008HP 8-Port/8G 802.3at POE Desktop Switch	 IEEE 802.3at PoE standard compliant 8-port PoE+, total PoE budget of 120W 2-port RJ45 for uplink Hardware DIP switch for Standard, VLAN and Extend mode selection Distance is 250m with 30W power output at speed 10Mbps in Extend Mode
	FGSD-1011HP 8-Port 802.3at PoE + 1G TP + 1G SFP Desktop Switch	 Distance is 250m with 30W power output at speed 10Mbps in Extend Mode IEEE 802.3at/802.3af PoE standard compliant 8-port 10/100BASE-TX End-span PSE and 120-watt PoE budget 1 port Gigabit RJ45 and 1 port Gigabit Mini-GBIC SFP for uplink Extend mode features 30-watt PoE transmit distance of 250m at speed of 10Mbps and VLAN isolation Fanless and 10-inch desktop size design
- tanaa	FSD-504HP FSD-604HP 4-Port 802.3at PoE Desktop Switch	 Complies with IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX 4-port PoE+, total PoE budget of 60W 1/2-port 10/100Mbps RJ45 for uplink Distance is 250m with 30W power output at speed 10Mbps in Extend Mode Supports VLAN isolation in Extend Mode
60W	UPOE-800G UPOE-1600G UPOE-2400G 8/16/24G 802.3bt PoE++ Managed Injector Hub	 802.3bt PoE++ UPoE, end-span or mid-span selectable in "PoE Power Output" mode 360-watt/600-watt/800-watt PoE budget, remote PoE power control PD Alive check / Scheduled Power Recycling/ Time-based PoE schedule 10/100/1000T management port LED indicators for PoE power usage status (watts)
	HPOE-1200G HPOE-2400G 12-/24-Port 802.3at PoE+ Managed Injector Hub	 Up to 30.8 watts per port Mid-Span Power Injector Box Web Management, SNMP Trap Remote PoE Power Management and Monitoring Full Power Support each PoE Port Auto detects powered devices
60W	POE-171 / POE-173 POE-171S / IPOE-171S 60-watt Ultra Power over Ethernet Injector/Splitter	 Up to 60W of Power on 4-pair UTP Supports 10/100/1000BASE-T Applications Compatible with All IEEE 802.3at/af PSE Injector/Switch Enables Powering with 12V, 19V and 24V Terminals via POE-1715 PoE Splitter ESD/EFT protection: 6KV DC
	POE-171A-60 POE-171A-95 Single-Port 10/100/1000Mbps 802.3bt PoE Injector	 Up to 60/95 watts of power on 4-pair UTP Supports 10/100/1000BASE-T applications Compatible with IEEE 802.3bt Data and power over one Ethernet cable up to 100 meters Enables to power 12V,19V and 24V terminals via POE-171S POE Splitter Supplies 95-watt POE power budget
1	POE-175-95 Single-Port 10/100/1000Mbps 802.3bt PoE Injector	 -40 to 75 degrees C operating temperature IP30 metal case with DIN-rail or wall-mount design
1 0 Q	IPOE-171-95W Industrial Single-Port 10/100/1000Mbps 802.3bt PoE Injector	 Supplies 95-watt PoE power budget Compatible with IEEE 802.3bt Power over Ethernet Supports 10/100/1000Mbps application DC 24 to 48V redundant power -40 to 75 degrees C operating temperature IP30 metal case with DIN-rail or wall-mount design
	POE-173S 802.3bt PoE++ Splitter	 Compatible with IEEE 802.3bt Splits the PoE power over RJ45 Ethernet cable into 12V/19V/24V DC output
	IGUP-805AT IGUP-1205AT IGUP-2205AT Industrial 100/1000X SFP to 10/100/1000T 802.3bt PoE++ Media Converter	 SFP slots support 1000BASE-X and 100BASE- FX transceiver in dual mode Complies with IEEE 802.3bt PoE++ Type-4 PSE Supports PoE power up to 95 watts for each PoE port DIP switch: Standard/Legacy PoE mode selection 12 ~ 56V DC redundant power with reverse polarity protection -40 to 75 degrees C operating temperature
	GTP-805A IGTP-805A IGTP-815AT 1000X to 10/100/1000T 802.3at PoE+ Media Converter	 IEEE 802.3at PoE+, up to 30W over UTP cable Link Fault Passthrough (LFP) supported Wall mount and easy installation 24V/48V DC, redundant power (IGTP-805A) -40 to 75 degrees C operating temperature IP30 rugged metal case
	POE-E101/E201/E202 IPOE-E202/IPOE-E172 802.3bt/at/af PoE Extender	 IEEE 802.3at/af Power over Ethernet compatible Extends the range of PoE an additional 100 meters Forwards both Ethernet data and PoE power to remote devices Automatically detects and protects PoE equipment No external power cable required for installation
	LRP-101C-KIT 1-Port Long Reach PoE over Coax Extender Kit LRP-101U-KIT 1-Port Long Reach PoE over UTP Extender Kit	 Re-use Existing Coaxial Cable for IP Camera Power over Coaxial up to 1km Power Input: External DC or PoE Power Input (LRP-101CH/LRP-101UH) Power Output: PoE Power Output (LRP-101CE/LRP-101UE) Configure free, Plug and Play -10 to 60 degrees C Operating Temperature Free Fall, Shock, Vibration Industrial Stability
	LRP-104CET Industrial 1-Port Coax/UTP Long Reach PoE + 4-Port 10/100TX PoE Extender	 Adaptive Coaxial or UTP connectivity 4-port IEEE 802.3at/af PoE standard compliant PoE usage LED display Power over coaxial or external 24-48V redundant power -20 to 70 degrees C operating temperature IP30 metal case for DIN rail or wall mounting
	LRP-201ET LRP-201HT Industrial 1-Port 10/100/1000T Ultra POE + 1-Port Coax/UTP Long Reach POE Kit	 Supplies 95-watt PoE power budget Compatible with IEEE 802.3bt Power over Ethernet Supports 10/100/1000Mbps application Monitors the status of the total PoE usage in real time Wall-mount design and built-in internal power supply
	LRP-422CST LRP-822CS LRP-1622CS 4-/8-/16-port Coax + 4G Long Reach POE over Coaxial Managed Switch	 Eliminates power cabling with PoE over Coaxial Ethernet over coaxial up to 1km (3,280ft) with 5C2V/RG6 75Ω cable Supports PoE power up to 25 wats 144-watt/240-watt/440-wat power budget, intelligent PoE management IEEE 802.10 VLAN, IEEE 802.15 MSTP, IPv4 IGMP snooping and IPv6 MLD snooping IPv4/IPv6 web management / SNMP v1, v2c and v3 / SSL / SSL management
A.S.	ENW-9720P ENW-9740P 2/4-port 10/100/1000T 802.3at POE+ PCI Express server adapter	 PCI Express (PCIe) x4 slot Intel I350 server-grade Gigabit Ethernet MAC Controller 2/4 independent 10/100/1000BASE-T RJ45 interfaces IEEE 802.3at compliant with up to 30W power per port Supports 12V DC 4-pin Molex input (ENW-9740P only) Powered device (PD) auto detection and classification
	Media (Conversion Web/SNMP/Console Management SNMP v1, v2c and SNMP Trap
	MC-1610MR48 16-Slot Managed Converter Chassis	 Sinne VI, VZ and Sinne rap FST-80X / CST-70X series compatible TS-1000 / 802.3ah OAM Remote Terminal Management Two power slots for Redundant Power Optional AC / -48V DC supplies
	FST-80x 10/100TX to 100FX Smart Converter GST-80x 10/100/1000T to 1000SX/ LX Smart Converter	 DIP Switch for Smart Function Setting Auto MDI/MDIX on TP Port LLR / LLCF for Fiber Connection Diagnostic Various optional fiber connectors on different models Manageable through MC-1610MR / MC-1610MR48
	MC-1500 MC-1500R 15-Slot Unmanaged Converter Chassis	 Hot-swappable Feature on each Slot FT-80x / FT-105A / FT-1205A compatible AC Power acceptable 10/19-inch Rack mountable AC/DC Hot-swappable Redundant Power
	FT-80x 10/100TX to 100FX Media Converter GT-80x 10/100/1000T to 1000SX/ LX Media Converter GT-1205A 3-Port Gigabit SFP Media Converter	 Auto MDI/MDI-X / Auto-negotiation on TP Port Various optional fiber connectors on different models Rear DIP switch for FX Duplex Mode selection (FT-80X) Side DIP switch for LFP Mode selection (FT-80X) 10/19-inch Chassis compatible (MC-700 / MC-1500) Dual 100/1000BASE-X mini-GBIC SFP Slot One 10/100/1000BASE-T Copper Port 3-port Gigabit Data Switching or Redundant Mode
	GT-90X 10/100/1000T to 1000SX/LX Managed Media Converter	 Remote IP-based Web Management SNMP v1, v2c and SNMP Trap 802.1Q VLAN / Q-in-Q VLAN Management T5-1000 / IEEE 802.3ah OAM 802.1p / IP Address / IP DSCP QoS Bandwidth Control / Storm Control 10/19-inch Chassis compatible
	XT-705A 10G Media Converter IXT-705AT Industrial 10G Media Converter	 Complies with IEEE 802.3ae 10GBASE-SR/LR NBASE-T featuring adaptive rate operation 100 meters over Cat 6A at 10Gbps -4075 degrees C operating temperature IP30 metal case Low power consumption
	ICS-100/ICS-105A 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 DIN Rail Support 10/19-inch Chassis compatible (MC-700 / MC-1500)
30W	VC-231/VC-234 10/100TX to VDSL2 Media Converter VC-231G/VC-232G	 Cost-effective VDSL2 CO/CPE Bridge solution One Box Design, CO/CPE Selectable via DIP Switch Voice and Data communication can be shared on the existing telephone wire simultaneously

Selectable Target Data Rate and Target SNR Margin

VC-231G/VC-232G

VC-234G/VC-231GP

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	VF-10XG-KIT 1-Channel 4-in-1 Video over Gigabit Fiber Bundle Kit	Conversion Compliant with hybrid video (AHD/TVI//CV/CVBS) Long-distance data transmission of 20km High-speed synchronous digital transmission techn Video and data transmission over Gigabit fiber optio Data type: R5485 Standalone or work with PLANET MC-700/1500/1500
an can	VF-402-KIT 4-Channel 4-in-1 Video over Fiber Bundle Kit	media converter chassis Compliant with 4-ch hybrid video (AHD/TVI/CVI/CV Long-distance data transmission of 20km High-speed synchronous digital transmission techn Video and data transmission over Gigabit fiber optic Data type: RS485 Video bandwidth of 60MHz, SNR>67dB
	Wirel	Wide temperature range from -20 to 70 degrees C
	WDAP-8350 600Mbps Dual Band 802.11n Outdoor Wireless AP	 Gigabit wired and 600Mbps wireless connectivity (E 4 built-in N-Type (female) antenna connectors Supports 802.1Q tagged VLAN, IPv4/IPv6 dual-stack Dual-image (dual-OS) auto-backup mechanism 802.3at PoE+ compliant Built-in surge arrester, IP66 case protection
	WDAP-802AC 1200Mbps Dual Band 802.11ac Outdoor Wireless AP (IP68, 802.3at PoE+, 4 x N-Ty pe connector)	 Dual band 11ac Wi-Fi speed up to 1.2Gbps 4 N-type (Female) connectors for various applicatio Multiple operation modes: AP, Client, Gateway, WDS IEEE 802.1Q VLANs mapping to multiple SSIDs SNMP-based central management and compatible v IP68-rated Aluminum enclosure and IEEE 802.3at Po
Jame	WBS-202N WBS-502N 2.4C/5CHz 802.11n 300Mbps Outdoor Wireless CPE	 "One-click WDS" to establish WDS connection easily Built-in 14/15dBi dual-polarization antenna Multiple operation modes: AP, Client, Gateway, Rept IPS5-rated enclosure; IEEE 802.3d/at PoE+ design IEEE 802.1Q VLANs mapping to multiple SSIDs SNMP-based central management and compatible with PLANET AP Controllers
	WAP-552N WAP-252N 2.4G/5GHz 802.11n 300Mbps Outdoor Wireless CPE	 "One-click WDS" to establish WDS connection easily Built-in 14/15dBi dual-polarization antenna Multiple operation modes: AP, Client, Gateway, Rept IP55-rated enclosure; IEEE 802.34/at PoE+ design IEEE 802.10 VLANs mapping to multiple SSIDs SNMP-based central management and compatible with PLANET AP Controllers
Jane (WDAP-1750AC 1750Mbps 802.11ac Dual Band Wall-mount Enterprise Wireless Access Point	 Next-generation 802.11ac Wi-Fi up to 1750Mbps Dual-band (2.4GHz & 5GHz) technology capable of up to 450-1300Mbps data rate 1 x 802.3at/PD Gigabit port and 1 x 802.3at/PSE Gigabit por Multiple Wireless Modes: AP, WDS Bridge, WDS Repe B uilt-in RADIUS Server enabling enterprise-class see Supports 802.1Q VLAN tagging over WDS and 32 mu Web and SNMP-based management interface
	WDAP-C7200E 1200Mbps 802.11ac Dual Band Ceiling-mount Wireless Access Point (802.3at PoE, 2 10/100/1000T LAN)	 High output power with multiply-adjustable transm Boosts Wi-Fi speed up to 1200Mbps with 11ac 5th generation technology Self-healing mechanism through system auto reboor Flexible deployment with standard IEEE 802.3at POE Supports 802.1Q VLAN and SSID-to-VLAN mapping Supports PLANET AP Controllers in AP mode
\bigcirc	WNAP-C3220E 300Mbps 802.11n Ceiling- mount Wireless Access Point	 11n Wi-Fi speed up to 300Mbps 1 N-type (Female) connectors for various applicatio Multiple operation modes: AP, Client, Gateway, WDS IEEE 802.10 VLANs mapping to multiple SSIDs SNMP-based central management and compatible v IP67-rated Aluminum enclosure; IEEE 802.3af/at PoE
Ö Janer	WNAP-W2200UE WDAP-W750E 300Mbps 802.11n / 750Mbps 802.11ac In-Wall Wireless Access Point w/ USB Charger	 11n Wi-Fi speed up to 300Mbps/Dual band with spe IEEE 802.3af/at Power over Ethernet standard Access Point, Gateway, Repeater, WDS (AP/Bridge/SI 8 SSIDs (4 SSIDs for 2.4G, 4 SSIDs for 5G) USB charger port for charging most of mobile devic Supports 802.1Q VLAN and PLANET AP controller
A A	WDRT-1202AC 1200Mbps 802.11ac Dual Band Wireless Gigabit Router	 Next Generation 802.11ac Wi-Fi up to 1200Mbps Simultaneous dual-band connectivity in 2.4GHz 300 SGHz 866Mbps SdBi antennas for better performance Compliant with IEEE 802.11a/b/g/n Built-in 4-port 100/1000Mbps Gigabit switch 1 x USB 2.0 port supports storage and DLNA Supports DHCP server, DDNS, DMZ, Virtual Server and Server a
5-0000	WAPC-500 WAPC-1000 Enterprise-class Wireless LAN Controller supporting more than 500/1000 APs	 AP discovery and control up to 512/1024 APs (WAPC Central provisioning and cluster management Easy deployment with map positioning Real-time AP status monitoring RADIUS authentication and user control Flexible installation with 19" 1U rack-mount design
	WS-1232P WS-2864PVR Wireless AP Managed Switch with 24-/8-Port 802.3at PoE+ 4-/2-Port 10G SFP+	deployment with map positioning RADIUS authentication and user control ERPS Ring Data Recovery time < 10ms
	IP Te	elephony
	VIP-1120PT High Definition Color PoE IP Phone	 2.4-inch color LCD monitor 2-line key with color LED 2 SIP identities Wideband G.722 HD audio IEEE 802.3at/af PoE compliant QoS, TR069, auto-provisioning and multi-language
	VIP-2140PT HD Color PoE IP Phone with Dual Display	 2.8-inch (main) and 2.4-inch (DSS) key-mapping LCE 30 configurable and 6 multicolored LED keys IETF SIP compliant with 4 identities/accounts Wideband G7.22 HD audio with Handset and Hands Gigabit switch and IEEE 802.3at/af POE compliant VPN, VLAN, QoS, TR069, auto-provisioning and mult
	VIP-156/PE VIP-157S 2-Ethernet Port SIP ATA	 IETF SIP compliant with Peer-to-Peer / SIP proxy call Up to 5 Proxy server registrations T.38 FoIP / Auto-provisioning TR069 / Auto-upgrade firmware Integrated 802.3af PoE (VIP-156PE) 2 concurrent VoIP calls (VIP-157S) 7" color TFT LCD display
	ICF-1800 HD Touch Screen Android Multimedia Conferencing Phone	 P Color IP TECP display Built-in Android 4.2 OS Dual 10/100/1000 Gigabit Ethernet 800 x 480 pixel touch screen Supports six SIP voice lines / HD Voice IEEE 802.3at/af PoE compliant IETE SIP 2.0 (RFC 3261) compliant with outbound prox
	VGW-410FS VGW-810FS 4-Port SIP VoIP Gateway (4*FXS)	 T.30/T.38 fax volume configuration Quality of Service with TOS, DSCP Caller ID recognition DTMF and FSK Supports NAT, Firewall and 802.1 VLAN Supports multi-party conferencing, call forward, call waiting, hot-line call and alarm clock
-	IPX-330/IPX-2100 IPX-2200/IPX-2500 Internet Telephony PBX System	 SIP 2.0 (RFC 3261) compliant 30/100/200/500 Registrations and 15/30/60/100 Cor Supports 2 FXO ports for IPX-330 Supports maximum 8 ports (on 2 slots - IPX-21FO/IP. for IPX-2100/IPX-2200/IPX-2500 Suppots SNMP v2, VPN Server/Client Customized IVR, Voice mail to e-mail Call Record, Paging and Intercom, Mail to Fax
	UMG-1000 100 Users Unified Office Gateway	SSL / PPTP VPN, URL / IM / P2P Blocking and SPI Fire Port FXO IP PBX and up to 100 Registration POP3, SMTP, IMAP and Webmail e-mail Service FTP & Network Storage LCR / BLF / BLA
5	ICA-3250 ICA-4250 H.265 1080p IR Bullet/ Dome PoE IP Camera	 1/2.8" Sony Exmor progressive scan CMOS sensor 3.6mm lens with 74 degress angle view for wide are. Compliant with IEEE 802.3af PoE interface Day/Night Switch ICR (IR-cut filter removable) 25-/20-meter IR LEDs Wide dynamic range and digital noise reduction tec
	ICA-3460V ICA-4460V H.265 4MP PoE Bullet/ Dome IR IP Camera with Vari-focal Lens	 2.8~12 mm vari-focal with wide angle surveillance Simultaneous H.264 and H.265 video compression v Compliant with IEEE 802.3af/at POE interface Up to 30~45 meter IR LEDs with ICR/WDR IP66, ONVIF, PLANET DDNS & Easy DDNS
•	ICA-HM620 Outdoor Speed Dome IP Camera	 Sony Exmor[™] CMOS with 1920 x 1080 (ICA-HM620) 20X Optical / 8X Digital Zoom (ICA-HM620) D1/720P mode up to 60fps Compliant with IEEE 802.3at PoE interface IP66 / IK10 / IPv6 / ONVIF compliant 3.6mm fixed lens with 1280 × 720 resolution
	ICA-W7100 720P Wireless IR PT IP Camera ICA-W8100 Wireless Cube Fisheye IP Camera	 IEEE 802.11b/g/n wireless LAN capability 10-meter / ICR for Day & Night function WDR / DNR / ONVIF compliant 355-degree pan, 90-degree tilt 180° Fisheye panoramic wide angle view Maximum resolution 1280 x 720 WPS / PIR for thermal / motion detection
	ICA-W8500 5 Mega-pixel Wireless Fisheye IP Camera NVR-915/NVR-1615	 Fisheye lens brings 360'/180° panoramic wide angle Up to 15fps for 1920 x 1920 resolutions 9 different video modes including digital PTZ functi Unique fisheye hardware correction technology IEEE 802.11b/g/n wireless LAN with WEP and WPA er H.264 and ONVIF compliant
	9/16-Channel Network Video Recorder with HDMI NVR-820 8-Channel Network Video Recorder with HDMI	 HDMI and VGA output at 1920×1080P resolution Auto-configuration for PLANET IP CAM PLANET Easy-DDNS / Mobile App Multi-brand IP CAM / Google e-Map (NVR-820) Full Integration & Multi-monitor with CMS Dual monitor for Live View & Playback (NVR-820)
6-7 6	CAM-AHD325 CAM-AHD425 AHD 1080p IR Bullet Camera AHD 1080p IR Dome Camera	 IP66-certified protection H.264 and ONVIF compliant
200	HDVR-830 8-Channel Hybrid Digital Video Recorder	 AHD, Analog and IP cam hybrid Integration HDMI and VGA output at 1280x720P resolution Video recycling function 24/7 for easy inquiry of sus Up to 256 channels with the central management so PLANET Easy-DDNS / Mobile App 5-in-1 – TVI, CVI, AHD, CVBS and IP Full HD video inp
	HDVR-1635 H.265 4/16-ch 5-in-1 Hybrid Digital Video Recorder NVR-E6480	 4/16-ch BNC connectors and 1 SATA HDD H.265/H.264 high profile video compression HDMI and VGA output at 1920 x 1080 resolution ONVIF, CMS and mobile app for remote monitoring Manages up to 64 cameras 8-bay rackmount (2U) with software RAID (0,1)
	64-Ch Windows-based Network Video Recorder with 8-Bay Hard Disks	 Bostan Playback in live view window Location-based management with eMap Supports dual stream management Remote access via mobile app, Web browser or CMS

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pliant with hybrid video (AHD/TVI/CVI/CVBS) ng-distance data transmission of 20km h-speed synchronous digital transmission technolog o and data transmission over Gigabit fiber optic cable type: RS485 dalone or work with PLANET MC-700/1500/1500R

edia converter chassis pliant with 4-ch hybrid video (AHD/TVI/CVI/CVBS) -distance data transmission of 20km h-speed synchronous digital transmission technology eo and data transmission over Gigabit fiber optic cable ta type: R5485 eo bandwidth of 60MHz, SNR>67dB

.ANs

gabit wired and 600Mbps wireless connectivity (Dual-N Band) uilt-in N-Type (female) antenna connectors al-image (dual-OS) auto-backup mechanism 2.3at PoE+ compliant ilt-in surge arrester, IP66 case protection

I band 11ac Wi-Fi speed up to 1.2Gbps type (Female) connectors for various applications ltiple operation modes: AP, Client, Gateway, WDS, Repeater, WISP 802.1Q VLANs mapping to multiple SSIDs MP-based central management and compatible with PLANET SAPC 8-rated Aluminum enclosure and IEEE 802.3at POE+ design

-click WDS" to establish WDS connection easily It-in 14/15dBi dual-polarization antenna tiple operation modes: AP, Client, Gateway, Repeater, WDS, WISP 5-rated enclosure; IEEE 802.3af/at PoE+ design E 802.1Q VLANs mapping to multiple SSIDs -based central management and patible with PLANET AP Controllers

-click WDS" to establish WDS connection easily Itiple operation modes: AP, Client, Gateway, Repeater, WDS, WISP rated enclosure; IEEE 802.3af/at PoE+ design 802.1Q VLANs mapping to multiple SSIDs P-based central management and npatible with PLANET AP Controllers

Utiple Wireless Modes: AP, WDS Bridge, WDS Repeater ilt-in RADIUS Server enabling enterprise-class security mode pports 802.1Q VLAN tagging over WDS and 32 multiple-SSIDs eb and SNMP-based management interface output power with multiply-adjustable transmit power control

statist Wi-Fi speed up to 1200Mbps with 5th generation technology healing mechanism through system auto reboot setting ible deployment with standard IEEE 802.3at PoE+ compatibility orts 802.1Q VLAN and SSID-to-VLAN mapping orts PLANET AP Controllers in AP mode

Wi-Fi speed up to 300Mbps type (Female) connectors for various applications ple operation modes: AP, Client, Gateway, WDS, Repeater, WISP 802.1Q VLANs mapping to multiple SSIDs tible with PLANET SAPC MP-based central management and compatible with PLANE 57-rated Aluminum enclosure; IEEE 802.3af/at PoE+ design Wi-Fi speed up to 300Mbps/Dual band with speeds up to 750Mbps 802.3af/at Power over Ethernet standard ess Point, Gateway, Repeater, WDS (AP/Bridge/Station) IDs (4 SSIDs for 2.4G, 4 SSIDs for 5G)

charger port for charging most of mobile devices easily ports 802.1Q VLAN and PLANET AP controller xt Generation 802.11ac Wi-Fi up to 1200Mbps nultaneous dual-band connectivity in 2.4GHz 300Mbps and

Hz 866Mbps 3i antennas for better performance

ompliant with IEEE 802.11a/b/g/n lillt-in 4-port 100/1000Mbps Gigabit switch x USB 2.0 port supports storage and DLNA upports DHCP server, DDNS, DMZ, Virtual Server and Port Triggering liscovery and control up to 512/1024 APs (WAPC-500/WAPC-1000)

liscovery and control up to 32/64 APs versecurity can be enhanced with SNMPv3, SSH and SSL features ver 3 IPv4/IPv6 VLAN static routing manually the OSPFv2 settings automatically al-time AP status monitoring and easy oyment with map positioning US authentication and user control

-inch color LCD monitor e key with color LED P identities eband G.722 HD audio 802.3at/af PoE compliant TR069, auto-provisioning and multi-language nch (main) and 2.4-inch (DSS) key-mapping LCD monitor onfigurable and 6 multicolored LED keys SIP compliant with 4 identities/accounts eband G7.22 HD audio with Handset and Hands-free function abit switch and IEEE 802.3at/af PoE compliant , VLAN, QoS, TR069, auto-provisioning and multi-language F SIP compliant with Peer-to-Peer / SIP proxy calls 5 Proxy server registrations

E SIP 2.0 (RFC 3261) compliant with outbound proxy / STUN traversal T.38 fax volume configuration lity of Service with TOS. DSCP ler ID recognition DTMF and FSK oports NAT, Firewall and 802.1 VLAN

ports multi-party conferencing, call forward, vaiting, hot-line call and alarm clock 2.0 (RFC 3261) compliant /100/200/500 Registrations and 15/30/60/100 Concurrent Calls sports 2 FXO ports for IPX-330

orts maximum 8 ports (on 2 slots - IPX-21FO/IPX-21SL/IPX-21GS) X-2100/IPX-2200/IPX-2500 iots SNMP v2, VPN Server/Client omized IVR, Voice mail to e-mail Record, Paging and Intercom, Mail to Fax PPTP VPN, URL / IM / P2P Blocking and SPI Firewall

ance

" Sony Exmor progressive scan CMOS sensor mm lens with 74 degress angle view for wide area surveillance pliant with IEEE 802.3af PoE interface Night Switch ICR (IR-cut filter removable) -meter IR LEDs dynamic range and digital noise reduction technology

2 mm vari-focal with wide angle surveillance Itaneous H.264 and H.265 video compression with 4 mega-pixel pliant with IEEE 802.3af/at PoE interface 30~45 meter IR LEDs with ICR/WDR ONVIF, PLANET DDNS & Easy DDNS

? Fisheye panoramic wide angle view imum resolution 1280 x 720 5 / PIR for thermal / motion detection neye lens brings 360°/180° panoramic wide angle view 15fps for 1920 x 1920 resolutions

liferent video modes including digital PTZ function ique fisheye hardware correction technology E 802.11b/g/n wireless LAN with WEP and WPA encryptions 54 and ONVIF compliant

ximum resolution up to 1920 x 1080 built-in IR LEDs for low light and long distance up to 30 meters ports AHD/TVI/CVI/CVBS mode certified protection

Analog and IP cam hybrid Integration and VGA output at 1280x720P resolution o recycling function 24/7 for easy inquiry of suspicious events o 256 channels with the central management software NET Easy-DDNS / Mobile App

-1 – TVI, CVI, AHD, CVBS and IP Full HD video input 65/H.264 high profile video compression MI and VGA output at 1920 x 1080 resolution VIF, CMS and mobile app for remote monitoring



IP Surveillance





 IKVM-210-16
 OVS (Quick View Setting): Quickly select your computer by naming or SN number

 8/16-Port Combo IP KVM Switch
 Remote computer control via TCP/IP protocol (IKVM Series)
 KVM-210-08M KVM-210-16M 17" 8/16-Port Combo VGA LCD KVM Switch IKVM-210-08M IKVM-210-16M

IKVM-210-08

8/16–Port Combo KVM Switch
 Supports monitor resolution of up to 2048 x 1536
 Computer selection via Port Select Button, Hotkey and

Mac, and Sun

Compliant with DVB-T

Full HD (1080) and HDMI

Stream videos, music and photos

10/100/1000M-Gigabit Ethernet port

HDCP-compliant and Blu-ray ready
 Support IR extension and Automatic EDID

IEEE 802.3af Standard PoE Interface
 HDCP-compliant and Blu-ray ready

HDTV quality / Snap shot in JPEG format

Multi-channel preview / Channel auto scan

UPnP AV/DLNA/HomePlug AV compliant

On Screen Display (OSD)

19-inch 1U rack mountable
 Supports PS/2 and USB compatible mouse/trackball

 Cascade up to 2 levels, control up to 64/256 computers Supports high resolution up to 1280 x 1024

Computer selection via Port Select Button, Hotkey and

On Screen Display (OSD)
 Multiplatform support: Windows 2000/2003/XP/Vista/7/10, Linux,

Remote computer control via TCP/IP protocol (IKVM Series)

Wizard easy setup and user-friendly graphical on-screen menu
 Built-in VLC station for IPTV demo (ITB-3001)

Supports Windows / MAC Utility and Web-based Management
 Share Music, Pictures, Movies and Data over Network
 Supports BT Download, DLNA, iTunes Media Server
 iPhone app for NAS Viewer

1-to-1,1-to-many and multi-casting broadcasting architectures

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Compatible with H.264 and 1080p HDTV resolution

High Compression Streaming for saving Bandwidth
 Support IR extension and Automatic EDID

4/8 power outlets that can be managed in multiple ways

Support 1080p or Ultra 4K (3840 x 2160) HDMI resolution with H.264
 IEEE 802.3af Standard PoE Interface

17" 8/16–Port Combo VGA LCD IP KVM Switch DTR-100D USB 2.0 Digital TV Receiver Wuti-channel preview / Channel auto scart Real time & Schedule Digital Video Recording Multiple languages function



Dend IT Broker

Digital Media Center NAS-7103 1-Bay SATA NAS Server

DMA-200

ITB-3001





IHD-410PT IHD-410PR Video Wall Ultra 4K HDMI/ USB Extender Transmitter/ Receiver over IP with PoE Receiver over IP with PoE

IHD-210PT IHD-210PR HD HDMI Extender Transmitter/Receiver over IP with PoE

IPM-4220 IPM-8220 IPM-ESB IP-based 4-/8-Port Switched Power Manager

IPM-16120 P-based 16-Port Metered Power Distribution Unit

 LCD panel to display voltage, current and IP address
 Intelligent power-on sequencing based on event occurrence or planned schedule For praimers schedule
Events notification by sending pop-up message, trap, SMS or e-mail
Sets over-current watchdog for power outlet
IP filtering to prevent unauthorized access
Versatile sensors supported through environmental sensor box (ESB) inputs Zero U rack-mount size design 16 power outlets that support real-time current image mon LCD panel displays current, max. alarm, device temperature and network information Hot-swappable IP-module without power shutdown Botswappaber P-induce without power structown
 Events notification by sending pop-up message, trap or e-mail
 Supports SSL/SSH protocol
 IP filtering to prevent unauthorized access