



2021 Product Portfolio

IP Surveillance

IP Telephony

Network Security

Network Peripherals

Network Management

- LAN Switches
- Industrial Ethernet
- Industrial Automation
- Power over Ethernet
- Media Conversions
- Home Automation Broadband Communications
- Wireless LANs

Shaping Future Networking



	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
· · · · · · · · · · · · · · · · · · ·	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
	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, 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 802.1d/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
	SGS-5240-24T4X SGS-5240-48T4X SGS-5240-20S4C4XR 24/48G + 4 10G Stackable L2+ Managed Switch	 Up to 6 units, 288 Gigabit ports and 12 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 20G/24G + 2/4 10G SFP+ L2+ Backbone Switch	 Web / SNMP v1, v2c, v3 / Telnet Remote IP Management IEEE 802.1D/1w/1s STP, Layer 2/3/4 ACL IEEE 802.1Q 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-5220-1658C GS-5220-1658CR 24G Fiber L2+ Backbone Switch	 100BASE-FX / 1000BASE-SX/LX SFP Auto Detection Hardware Stackable up to 16 units, 384 SFP slots IEEE 802.10 VLAN / Private VLAN / Q-in-Q Policy-based QoS Control List / Bandwidth Control Layer 2/3/4 Access Control List 100-240V AC / 48V DC Power Redundant (GS-5220-1658CR)
ан — — — — — — — — — — — — — — — — — — —	GS-4210-16T25 GS-4210-24T25/24T45 GS-4210-48T45 28-/52-Port Gigabit Managed Switch	 IOU~240V AC / 48V DC Power Redundant (GS-5220-I658CR) 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 / 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 -1060 degrees C operating temperature IP44/IPv6 Dual Stack Management IEEE 802.1D/1w/1s Ethernet Redundancy Layer 2/3/4 ACL and Port Security
	MGSW-28240F 24G SFP Fiber-optic Slots + 4-Port 10G SFP + Managed Metro Switch	 Independent 4-port 1G/2.5G/10G 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
	Industri	ial Ethernet
	IGS-6325-20T4C4X IGS-6325-20S4C4X 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 OSFV2 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 IP30 metal case; rack-mount design; -40 to 75 degrees C wide temperature
	IGS-6325-8T8S4X IGS-6325-8T4X 8G/16G + 4 10G SFP+ Layer 3 Managed Ring Switch IGS-6325-16T4S IGS-6325-16T4S IGS-6325-8T8S 8G/16G TP + 4G/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	 G.8032 ERPS ring supported Supports Modbus TCP/IP protocol for factory automation Layer 27/34 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 -40~75 degrees C operating temperature
	IGS-20040MT IGG TP + 4G SFP L2+ Managed Ring Switch IGS-12040MT 8G TP + 4G 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
30W	IGS-6325-16P4S IGS-20160HPT 16G 802.3at P0E+ + 4G SFP L3 Managed Ring Switch	 16-port 10/100/1000 BASE-T 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
95W 10G	IGS-6325-8UP2S2X 8G 802.3bt PoE + 2G SFP + 2-port 10G SFP+ L3 Managed Ring Switch IGS-6325-8UP2S 8G 802.3bt PoE + 2G 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
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 IEEE 802.1Q VLAN / Private VLAN / Q-in-Q / Protocol- based VLAN / MAC-based VLAN -40 ~ 75 degrees C operating temperature
95W 30W	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-5225-4UP1T2S)
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 DI and 2 DO IEEE 802.102 / Private VLAN / Q-in-Q / Protocol- based VLAN / MAC-based VLAN -40 ~ 75 degrees C operating temperature
B B	IGS-10020MT 8G TP + 2G SFP Managed Ring Switch IGS-10080MFT 8G SFP + 2G TP Managed Ring Switch	 IPv4/IPv6 Management Secure SNMP v1, v2c and v3 / SSH / SSL Management 802.10 VLAN / 802.15 MSTP / 802.3ad LACP Layer 2/3/4 Access Control List 12 ~ 48V DC redundant power design -40 ~ 75 degrees C operating temperature
	IGS-4215-16T2S 16G TP + 2G SFP L2/L4 Managed Switch	 Secure SSH, SSL, SNMPv3 remote management IEEE 802.1Q VLAN, GVRP, Voice VLAN and Private VLAN IEEE 802.1s MSTP, IPv4 IGMP snooping and IPv6 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-4215-4P4T 4G 802.3at PoE + 4G TP L2/L4 Managed Switch IGS-4215-4P4T2S IGS-4215-8P2T2S 4/8G 802.3at PoE + 4/2C TP + 2C 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 PoH PoE and Legacy detection -4075 degrees C operating temperature 6KV DC Ethernet ESD, surge protection Supports 1000BASE-X and 100BASE-FX transceiver type auto-detection
R III	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/22-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 usage indicators
	IFGS-1022HPT 8-Port 10/100TX 802.3at POE + 2C 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 250m 48 ~ 56V DC redundant power design -40 ~ 75 degrees C operating temperature

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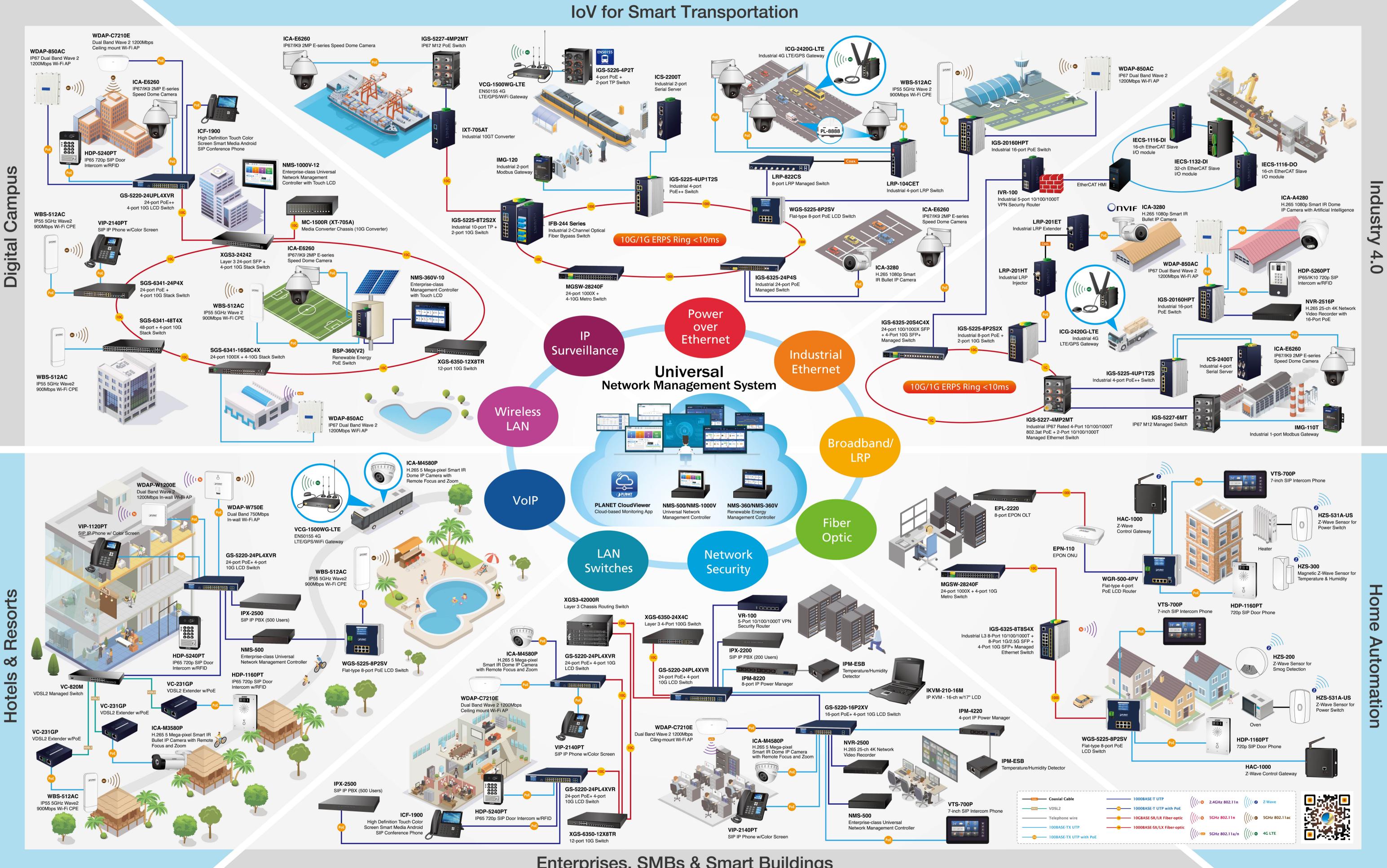
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	Industrial Ethernet	Power over Ethernet		Media Conversion			IP Surveillance		
in the second seco	IGS-504HPT IGS-614HPT 4G 802.3at PoE + 1G TP + 1G SFP Industrial Switch 4-port 10/100/1000 802.3at PoE+, 120-watt PoE budge 12-56V DC redundant power design 1-port 10/1000/SFP (IGS-614HPT) HP40 metal case; DIN-rail and wall mounting installation -40~75 degrees C operating temperature	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 		MC-1610MR MC-1610MR48 16-Slot Managed Converter Chassis	 Web/SNMP/Console Management SNMP v1, v2c and SNMP Trap FST-80x / GST-70x / GST-80x series compatible TS-1000 / 802. 3ah OAM Remote Terminal Management Two power slots for Redundant Power Optional AC / -48V DC supplies 		ICA-W7100 720P Wireless IR PT IP Camera ICA-W8100 Wireless Cube Fisheye IP Camera	 3.6mm fixed lens with 1280 x 720 resolution 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
30W)	IGS-604HPT-RJ IP67 aluminum case, outdoor installation IGS-604HPT-M12 Waterproof/dustproof RJ45/M12 Ethernet connector IGS-5227-4MP2MT Supports Modbus TCP/IP protocol for factory automation Industrial IP67-rated EN50155 compliant 6-Port 10/100/1000BASE-T Schedule / Scheduled Power Recycling / PD Alive Check Sceure SSL / SSH / SNH v3 Management ERPS ring supported Managed Switch with MSTP / BPDU Guard / Loop Protection	95W 30W GS-4210-24HP2C GS-4210-8HP2S 10/100/1000T 802.3bt POE 10/100/1000T 802.3bt POE + 10/100/1000T 802.3at POE + Gigabit TP/SFP Combo Managed Switch Combo Managed Switch	 515/240-watt PoE budget IEEE 802.1w/1s Spanning Tree Protocol IEEE 802.1Q VLAN, Voice VLAN, Private VLAN, Q-in-Q IGMP snooping v2 and v3 QoS, bandwidth control, storm control, Layer 3/4 access control list IPv6/IPv4 Web, Telnet, SNMP v1/v2c, SSH/TLS management 		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 		NVR-820 8-Channel Network Video Recorder with HDMI	 WF37 Fixtor diffinal / induoir detection H.264 and ONVIF compliant 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 Full Integration & Multi-monitor with CMS Dual monitor for Live View & Playback
	IGS-5227-6MT IGS-5227-6MT-X Industrial IP67-rated 6-Port 10/100/1000BASE-T Industrial Sector 2000 Sect	GS-4210-24P4C GS-4210-24P4C GS-4210-24PL4C 24G 802.3at P0E + 4G TP/SI L2/L4 Managed Switch GS-4210-48P4S 48G 802.3at P0E + 4G SFP	 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. [Pv4 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 / SSH / SSL management Cable diagnostics, smart fan and power alarm 		MC-1500 MC-1500R 15-Slot Unmanaged Converter Chassis FT-80x	 Hot-swappable Feature on each Slot FT-80x / FT-90x / FT-105A / FT-1205A compatible AC Power acceptable 10/19-inch Rack mountable AC/DC Hot-swappable Redundant Power 	6-76	CAM-AHD325 AHD 1080p IR Bullet Camera CAM-AHD425 AHD 1080p IR Dome Camera	 1/2.8" Sony 2MP CMOS sensor Maximum resolution up to 1920 x 1080 36 built-in IR LEDs for low light and long distance up to 30 meters Supports AHD/TVI/CVI/CVBS mode
	L2+ Managed Ring Switch -40 to 75 degrees C operating temperature ISW-808PF-M12 8 10/100Mbps M12 interfaces ISW-804PT-M12 -8 10/100Mbps M12 interfaces ISW-800T-M12 4/8-port 802.3at PoE+ ports Industrial IP67-rated -40-75 degrees C operating temperature URGE metal cosc/DUI valiand wall mount design -40-75 degrees C operating temperature	GS-4210-16P2S 16G 802.3at POE+ 2G SFP L2/L4 Managed Switch GS-4210-16P4C	 16-port 802.3at PoE, 220-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. [Pv4 GIMD snooping] 802.1x RADIUS and TACACS+ authentication, Layer 2/3/4 ACL 		10/100TX to 100FX Media Converter GT-80X 10/100/1000T to 1000SX/ LX Media Converter GT-1205A	 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 		HDVR-435 HDVR-1635 H.265 4/16-ch 5-in-1 Hybrid Digital Video Recorde	 5-in-1 - TVI, CVI, AHD, CVBS and IP Full HD video input 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
	Fast Ethernet Switch Waterproof/dustproof design WGS-5225-8P2SV 2.4-inch color LCD touch screen with management functions 8-port 10/100/1000BASE-T with 802.3at POE+ 2-port 10/100/1000BASE-X SFP ERPS Ring Data Recovery time < 20ms	GS-4210-8P2T2S GS-4210-8P2T2S GS-4210-8P2S 8G 802.3at POE+ Managed	 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 		3-Port Gigabit SFP Media Converter GT-90x 10/100/1000T to 1000SX/LX	 3-port Gigabit Data Switching or Redundant Mode 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 		NVR-E6480 64-Ch Windows-based Network Video Recorder with 8-Bay Hard Disks	 Manages up to 64 cameras 8-bay rackmount (2U) with software RAID (0,1) Instant playback in live view window Location-based management with eMap Supports dual stream management Remote access via mobile app, Web browser or CMS
	8G PoE + 2G SFP Supports Modbus TCP/IP Protocol L2+ Flat-type Managed Switch (with LCD Touch Screen) Supports Modbus TCP/IP Protocol WGS-4215-8T Dual power input system (3-pin terminal block and DC plug) 12V-48V DC/24V AC power input I2V-48V DC/24V AC power input	95W GS-4210-16UP4C GS-4210-24UP4C 16G/24G 60W Ultra POE +	 Idwa motoping v2 and v3 / mL2 motoping v2 motoping v2		Managéd Media Converter XT-705A 10G Media Converter IXT-705AT	 802.1p / IP Address / IP DSCP QoS Bandwidth Control / Storm Control 10/19-inch Chassis compatible Complies with IEEE 802.3ae 10GBASE-SR/LR NBASE-T featuring adaptive rate operation 100 meters over Cat 6A at 10Gbps -40-75 degrees C operating temperature 		ICA-E6260 2 Mega-pixel PoE Plus Speed Dome IP Camera with Extended Support	 33X optical zoom, endless pan & tilt Max. frame rate 60fps at 1080p Weatherproof (IP67), vandalproof (IK09) Superior low light sensitivity WDR enhancement, 3D noise reduction Built-in microSD card slot for on-board storage Built-in PTZ auto tracking and enhanced intelligent video application
30W	WGS-4215-8T2S 8G TP/8G TP + 2G SFP L2/L4 Flat-type Managed Switch • STP/RSTP/MSTP, LACP, ACL, QoS, DHCP snooping • Gompact IP30 metal case with fanless design • Fixed wall mounting, magnetic wall mounting and DIN-rail installation WGS-4215-16P2S • 4-/8-/16-port IEEE 802.3at PoE+, up to 36 watts for each PoE port	G HILLING AG TO SHARE A CAN BE	 IEEE 802.1s MSTP. IPv4 IGMP snooping and IPv6 MLD snooping IPv6 web management / SNMP v1, v2c and v3 / SSH / SSL management 120-/220-/370-watt PoE budget PoE Management / PoE Status / PoE Schedule IEEE 802.1Q VLAN / Port-based VLAN 		Industrial 10G Media Converter ICS-100/ICS-105A 10/100TX to R5232/422/ 485 Media Converter	Volume and the set of the se		Netwo VR-100 S-Port 10/100/1000T VPN Security Router	 Dual-WAN failover and Load balancing Static Packet Inspection (SPI) firewall and Blocking DoS/DDoS attack Full security with Cybersecurity, VLAN, NAT, DMZ, Static/ Dynamic routing, and II/MAC/Port filtering
	 WGS-4215-8P2S WGS-804HPT L2/L4 Flat-type Managed PoE Switch 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 	FGSW-2624HPS4	 IEEE 802.1D/1w Spanning Tree Protocol IEEE 802.3ad Link Aggregation Control Protocol IGMP snooping v1 and v2 LCD Monitor for system status and PoE usage status display 	30W	VC-231/VC-234 10/100TX to VDSL2 Media Converter VC-231G/VC-232G	 10/19-inch Chassis compatible (MC-700 / MC-1500) 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 		IVR-100 Industrial 5-Port 10/100/ 1000T VPN Security Gateway VR-300/VR-300P	Multiple VPN with IPSEC, OpenVPN, PPTP, L2TP, GRE and VPN Failover IPv6, PLANET UNI-NMS, Easy DDNS -40 to 75 degrees C operating temperature and fanless design (IVR-100) High-Availability, AP Controller, Captive Portal, RADIUS and SD-WAN Dual-WAN failover and Dual-WAN load balancing SSL VPN and robust hybrid VPN (IPSec/PPTP/L2TP over IPSec)
	WGR-500-4P Dynamic IP, static IP, PPPoE, L2TP, PPTP WGR-500-4PV Firewall with 802.1Q VLAN security WGR-500 Selectable Router/Switch operation mode WGR-500 48~56V DC dual power design (PoE models) Industrial Wall-mount Gigabit Router 120 watt max. PoE budget (PoE models)	FGSW-2622VHP 8-/16-/24-Port 802.3at PoE + 2G TP/SFP LCD PoE Switch	 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 		VC-234G/VC-231GP VF-10XG-KIT 1-Channel 4-in-1 Video over	Selectable Target Data Rate and Target SNR Margin Compliant with hybrid video (AHD/TVI/CVI/CVBS) Long-distance data transmission of 20km High-speed synchronous digital transmission technology Video and data transmission over Gigabit fiber optic cable Determine DF GFG	- 200001	VR-300W/VR-300WP VPN Security Gateway	 Stateful Packet Inspection (SPI) firewall and content filtering Blocking DoS/DDOS attack, port range forwarding IPv6, SNMP, PLANET DDNS and Universal Network Management System Compliant with the IEEE 802.3at PoE+ (VR-300P/VR-300WP) Compliant with the IEEE 802.11a/b/g/n/ac wireless (VR-300W/VR-300WP)
	WGS-814HP IEEE 802.3at PoE+ standard with output up to 30 watts WGS-818HP Total PoE budget up to 60 watts (WGS-814HP)/120 watts (WGS-818HP) 8-Port 10/100/1000T Hardware-based DIP switch for Standard, VLAN and Extend mode selection Vall-mounted Gigabit PoE+ Switch 5 KV surge protection	TP + 2-Port SFP Ethernet Switch with LCD Manageme	 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 		Gigabit Fiber Bundle Kit	 Data type: R5485 Standalone or work with PLANET MC-700/1500/1500R media converter chassis Compliant with 4-ch hybrid video (AHD/TVI/CVI/CVBS) Long-distance data transmission of 20km High-speed synchronous digital transmission technology Video and data transmission over Gigabit fiber optic cable 		GPL-8000 8-Port GPON OLT with 4-Port Gigabit TP/SFP	Communications • 8 PON ports, 8 1G SFP ports, 8 1G/10G SFP+ ports and 4 Gigabit RJ45 interfaces • Complies with ITU-T G.984/G.988 • Per PON supports 128 ONT/HGU devices • Asymmetric downlink 2.5Gbps/uplink 1.25Gbps
Y	ICG-2420-LTEDual SIM cards for 3G/4G cellular network redundancyICG-2420G-LTE3 10/100TX LAN ports and 1 10/100TX WAN portIndustrial 4G LTE Cellular2 DI and 1 DO ports, 2 R5232 and 1 R5485 serial portsIndustrial 4G LTE CellularSupports OpenVPN, IPSecGateway with 4-PortGlobal positioning system Included (ICG-2420G-LTE)10/100TX-20 to 70 degrees C operating temperature	GSD-1222VHP GSW-1820VHP GSW-2620VHP 8/16/24G 802.3at LCD PoE+ Switch	 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 	and and f	4-Channel 4-in-1 Video over Fiber Bundle Kit Wire	Video and data transmission over Gigabit inder optic Cable Data type: R5485 Video bandwidth of 60MHz, SNR>67dB Wide temperature range from -20 to 70 degrees C		Combo + 4-Port 1000X SFP + 4-Port 10G SFP+ GPN-400ACV	 Distance up to 20km IEEE 802.1Q tagged VLAN and Q-in-Q VLAN supported User-friendly GUI management Optional redundant power design with dual-AC or AC+DC supported Built-in 4-port 100/1000Mbps Ethernet 2 FXS ports for VoIP communication 1 USB 2.0 port for configuration backup
	 S-port Gigabit Ethernet, build in redundancy protocol-VRRP DI/DO and 1 serial port (R5232 or R5485) for Modbus applications Dual module SIM for network load balancing and redundancy WiFic compliance IEEE 802.11b/g/n/ac dual- band for mobile client connectivity Multiple VPN with IPSEC, OpenVPN, PPT, L2TP, GRE and VPN Failover Full security with VLAN, NAT, DMZ, Static routing, 	GSD-2022P 16-Port 10/100/1000T 802.3at PoE + 2-Port 10/100/1000T + 2-Port 10/00X SFP Desktop Switch	 Supports up to 32W per PoE+ port w/ 185W PoE budget Hardware-based DIP switch for Standard, VLAN or Extend mode selection VLAN mode is to isolate ports to prevent broadcast storm and defend DHCP spoofing Extend mode enables 8 PoE ports to support a max. distance extension of 250m Two 10008ASE-SX/LX/8X SFP slots for long distance data uplink 		WDAP-850AC 1200Mbps 802.11ac Wave 2 MU-MIMO Dual Band Outdoor AP	 Simultaneous 2.4GHz (Wi-Fi access) and 5GHz (backhaul) wireless network Gigabit wire and Wave 2 1200Mbps wireless connectivity (dual-band) 4 built-in N-type (F) antenna connectors 802.10 VLAN mapping multiple SSIDs Ground terminal design 802.3at Power over Ethernet Centrally managed by PLANET AP Controller Series 	anna.	GPON HGU with 4-Port GbE, 1200Mbps 802.11AC Wireless and 2-Port FXS (1 x USB) GPN-100	Compiles with TU G.984/988 Up to 2.5Gbps downstream and 1.25Gbps upstream Compatible with 802.11a/b/g/n wireless technology with data rate of up to 1200Mbps One 10/100/1000 RJ45 port Up to 2.5Gbps downstream and 1.25Gbps upstream Distance up to 20km
	S-Port 10/100/1000T 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 Vehicle 4G LTE Cellular	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 	200	WBS-512AC SGHz 802.11ac 900Mbps Outdoor Wireless CPE	 (NMS Series, WS Series, VR-300 & IVR-300 Series) 5GHz 11ac Wi-Fi speed up to 900Mbps Wave 2.0, MU-MIMO Built-in 14dBi directional antenna for PtP connection Multiple operation modes: AP, Gateway, Repeater, WDS, WISP Supports multiple VLANs mapping to multiple SSIDs SNMP-based central management and PLANET UNI-NMS supported IEEE 802.3af/at PoE design 		GPON SFU ONT with 1GbE Port EPL-2220 EPL-4000	Compliant with ITU-T G.984/988 Supports IGMP snooping and SLA Supports DBA and QoS 2 x PON Port and 4 x Gigabit SFP Interface Per PON Supports 64 ONU Devices Up to 1.25Gbps Upstream and Downstream
	Wireless Gateway with 5-Port 10/100TX • GPS antenna allows to detect the location via sat nav system Supports GRE, PPTP, IPSec and L2TP • Supports CMS for remote management BSP-360 • Dual IEEE 802.3at Power over Ethernet Interfaces MPPT Charge Controller • MPPT Charge Controller	FGSD-1011HP 8-Port 802.3at PoE + 1G T + 1G SFP Desktop Switch	 IEEE 802.3at/802.3af PoE standard compliant 8-port 10/100BASE-TX End-span PSE and 120-watt PoE budget 1 port Gigabit R145 and 1 port Gigabit Mini-GBIC SFP for uplink P Extend mode features 30-watt PoE transmit distance of 250m at speed of 10Mbps and VLAN isolation Fanless and 10-inch desktop size design 	1	WDAP-C7210E 1200Mbps 802.11ac Wave 2 MU-MIMO Dual Band Ceiling-	"One-click PtP" to establish connection easily 11ac Wi-Fi up to 1200Mbps Wave 2 MU-MIMO Simultaneous dual-band connectivity in 2.4GHz 300Mbps and 5GHz 867Mbps Backward compatible with IEEE 802.11 a/b/g/n/ac Generation and the set of the se		EPL-8000 2/4/8-Port GEPON OLT EPN-110 1-Port GEPON ONU	Distance up to 20km User-friendly GUI Management IEEE 802.1q support Fully compliant with IEEE 802.3ah Up to 1.25Gbps Upstream and Downstream Distance up to 20km Dynamic Bandwidth Allocation (DBA) Support
	Industrial Renewable Energy/802.3at POE+ Managed Switch/Router IED 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 Industrial Automation	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 		mount Wireless Access Point	 Supports multiple VLANs mapping to multiple SSIDs SNMP-based central management and PLANET Smart Discovery supported 3 x 10/100/1000BASE-TX ports, with one 802.3at PoE/PD port supported 			• 1-port GE Automation
a a a a a a a a a a a a a a a a a a a	ICS-2100T/ICS-2105AT ICS-2102T/ICS-2102TS Industrial 1-port R5232/422/485 Serial ICS-2102T/ICS-2102TS Industrial 1-port R5232/422/485 Serial	95W 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 PoE budget, remote PoE power control PD Alive check / Scheduled Power Recycling/ Time-based PoE schedule 10/100/1000T management port 	Joner	WDAP-W1200E 1200Mbps 802.11ac Wave 2 MU-MIMO Dual Band In-Wall Wireless AP	In-wall design with 1 x RJ11 port Supported 802.1Q VLAN mapping multiple SSIDs AP/Gateway, Repeater, WDS, WISP mode Centrally managed by PLANET AP Controller Series (NMS Series, WS Series, VR-300 & IVR-300 Series) Next Generation 802.11ac Wi-Fi up to 1200Mbps	e tani Janar - At	HAC-1000A HAC-1000E Z-Wave Home Automation Control Gateway	 Z-Wave Plus[™] certified Energy and cost saving by automatically/manually turning off Provides pre-defined scene modes and real-time image monitoring Ensure entry doors are closed and locked remotely Control via PC, control pad, smart phone Power over Ethernet IEEE 802.3af/at Hands-free two-way video Intercom; unlock door from the intercom
	Device Server /with -40 to 75 degrees C operating temperature 1-Port 100BASE-FX SFP -40 to 75 degrees C operating temperature 9 to 48V DC/24V AC, redundant power ICS-2200T Supports isolation and surge protection Supports Standalone or Pair operating TCP Server, TCP Client, UDP, Remote Pair, Serial Denet Inclustrial 2-(4-port	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 	and a	WDRT-1202AC 1200Mbps 802.11ac Dual Band Wireless Gigabit Router	 Simultaneous dual-band connectivity in 2.4GHz 300Mbps and 5GHz 866Mbps 5dBi 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 Port Triggering 		VTS-700P 7-inch Indoor Touch Screen PoE Video Intercom	■ Up to 3 scenes managed via PLANET Z-Wave Plus [™] Gateway
	RS232/422/485 Serial Device Server = 12 to 48V DC, redundant power with reverse polarity protection -40 to 75 degrees C operating temperature IMG-2100T/IMG-2105AT IMG-2102T/IMG-2102T = 1-port 10/1008ASE-TX (IMG-2100T) = 1 RS232 with DB9 interface = 1 RS422 or RS485 with terminal block interface	95W POE-171 / POE-173 POE-1715 / IPOE-173 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-171S PoE Splitter ESD/EFT protection: 6KV DC 		WS-1232P WS-2864PVR Wireless AP Managed Switch with 24-/8-Port 802.3at PoE+ 4-/2-Port 10G SFP+	 AP discovery and control up to 32/64 APs Cybersecurity can be enhanced with SNMPv3, SSH and SSL features Layer 3 IPv4/IPv6 VLAN static routing manually and the OSPFv2 settings automatically Real-time AP status monitoring and easy deployment with map positioning RADIUS authentication and user control 	**	HDP-1160PT 720p SIP Vandalproof Door Phone with PoE	 Secure communication with TLS & Secure RTP (SRTP) Access Control with the electric lock (Built-in 2 short-in/out) IP65- and (K10-rated designed for rigorous environment Compatible with the Asterisk IP PBX systems or various SIP/ONVIF platforms 720p HD camera with infrared light and night vision
	Industrial 1-port RTU Master, RTU Slave, ASCII Master, and ASCII Slave operation modes R5232/422/485 Modbus 9 to 48V DC / 24V AC, redundant power 100BASE-FX SFP - 40 to 75 degrees C operating temperature IMG-2200T 2-port 10/100BASE-TX IMG-2400T - 2/4 R532/R5422/R5485 with DB9 interface	POE-171A-60 POE-171A-95 Single-Port Multigigable 802.3bt PoE Injector	 Up to 60/95 watts of power on 4-pair UTP Supports 10/100/1G/2.5G/5G 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 			ERPS Ring Data Recovery time < 10ms elephony . 2.4-inch color LCD monitor	2 (35) 1990 1990 1990 1990 1990 1990 1990 199	HDP-5240PT 720p SIP Multi-unit Door Phone with RFID and POE	 G.722 coding produces clearer HD voice quality Compatible with IEEE 802.3at/af PoE Control communication and security over Internet Unlock the door with an RFID, remote DTMF or local password Compatible with the Asterisk SIP IP PBX systems or various platforms
	Industrial 2-/4- Port RS232/422/485 Modbus Gateway IECS-1116DI Built-in isolated 16 digital inputs/outputs Built-in isolated 16 digital inputs/outputs	POE-175-95 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 		VIP-1120PT High Definition Color PoE IP Phone	 2.4-incr Color LED 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 		HDP-5260PT 720p SIP Multi-unit Apartment Vandalproof Door Phone with RFID and PoE	 720p camera has high-performance HD video G.722 coding produces clearer HD voice quality IP65 and IK10 enclosure Supports the most popular and compatible standard SIP protocol Supports video intercom, door phone and single device paging Access control by IP phone, DTMF code and RFID card
	IECS-1116DO = LED Indicators for the output status Industrial EtherCAT Slave = Removable terminal block connector I/O Module with Isolated = -48V DC Wide input voltage range 1/O hodule with Isolated = EtherCAT Distributed Clock (DC) mode and SyncManager mode 16-ch Digital Input/ Output = EtherCAT conformance test tool verified	IPOE-171-95W Industrial Single-Port Multigigable 802.3bt PoE Injector	 Supplies 95-watt POE power budget Compatible with IEEE 802.3bt Power over Ethernet DC 24 to 48V redundant power -40 to 75 degrees C operating temperature 1-port IEEE 802.3/802.3u/802.3ab 10/100/1000BASE-T 1-port IEEE 802.3af(at/bt PoE PSE (IPOE-175) 		VIP-2140PT HD Color PoE IP Phone with Dual Display	 2.8-inch (main) and 2.4-inch (DSS) key-mapping LCD monitor 30 configurable and 6 multicolored LED keys IETF SIP compliant with 4 identities/accounts Wideband G7.22 HD audio with Handset and Hands-free function Gigabit switch and IEEE 802.3at/af PoE compliant VPN, VLAN, QoS, TR069, auto-provisioning and multi-language 		HZS-100/HZS-200 HZS-300/HZS-500 Z-Wave Sensing Device	 Z-Wave 500 module series Detects changes in movement via infrared technology (HZS-100) Photoelectric sensor is particularly effective in detecting smoldering firse (HZS-200) Door and window protection against unauthorized entry (HZS-300) Energy and cost saving (HZS-500)
θ	SGS-6341-24P4X 24G 802.3at PoE + 4G SFP Stackable Layer 3 Managed Switch IEEE 802.10 VLAN, Q-in-Q, private VLAN, GVRP IGMP snooping v1, v2 and v3; MLD snooping v1 and v2	IPOE-175 IPOE-165 Industrial IP67 Injector	 1-port IEEE 802-34/34 PoE/end-span PSE (IPOE-165) Maximum PoE budget up to 60 watts (IPOE-175)/30 watts (IPOE-165) DC 24V to 56V power booster 6KV ESD and surge protection -40 to 75 degrees C operating temperature IP67 and IK10 aluminum case; waterproof and dustproof designs 		VIP-156/PE VIP-157S 2-Ethernet Port SIP ATA	 IETF SIP compliant with Peer-to-Peer / SIP proxy calls Up to 5 Proxy server registrations T.38 FolP / Auto-provisioning TR069 / Auto-upgrade firmware Integrated 802.3af PoE (VIP-156PE) 2 concurrent VoIP calls (VIP-157S) 		NMS-500 Enterprise-class	Management Auto discovery of up to 512 devices via web interface Central provisioning and remotely control over each managed device A topology view of network devices by LLDP protocol The status of a network can be reported via system event and syslog
95W	IP Stack: Up to 24 units and single IP address stack management GS-6322-24P4X Supports PoE power up to 95 watts per port Supports PoE power up to 95 watts per port IOGBASE-T + 2-Port IOG SFP+ IP Routing Protocols: static routing and OSPFv2	IPOE-1755 Industrial IP67 802.3bt PoE++ Splitter	 Passive IEEE 802.3/802.3u/802.3ab, 10/100/1000BASE-T Supports 12V DC, 5A2 max. power output IP67 and IK10 aluminum case; waterproof and dustproof designs -40 to 75 degrees C operating temperature Maximum PoE budget up to 60 watts 		ICF-1900 HD Touch Color Screen Android SIP Conference Phone	 7-inch color touch screen with Android 9.0 OS Plug and Play optional 1080p USB camera with 720P 30fps H.264 video call IETE SIP compliant with Transport Layer Security Up to 20 SIP lines with 112 one-touch DSS keys Dual Gigabit and IEEE 802.3af/at PoE compliant Built-in Bluetooth 4.2 and 2.4G/SG Wi-Fi Wideband G.722 HD and Opus audio codec with 		Universal Network Management Controller NMS-1000V-10/12 Enterprise-class Universal	 SMTP alarm for managed devices in real-time status Built-in PLANET AP controller (SAPC) and RADIUS authentication function Auto discovery of up to 1024 devices via web interface Central provisioning and remotely control over each managed device by Wizard A topology view of network devices by LLDP protocol
95W	Managed Switch with Dual Modular Power Supply Slots POE schedule, scheduled power recycling, PD alive check IEEE 802.1Q VLAN, Q-in-Q, Protocol-based and MAC-based VLANs GS-6320-24UP2T2XV L3 24-Port 10/100/1000T 802.3bt P0E + 2-Port 10CBASE-T + 2-Port 10G 2.4-inch color LCD touch screen with management functions IP Routing Protocols: static routing and OSPFv2 Supports P0E router up to 95 watts (Total budget: 720W)	POE-173S 802.3bt PoE++ Splitter	 Compatible with IEEE 802.3bt Splits the PoE power over RI45 Ethernet cable into 12V/19V/24V DC output SFP slots support 1000BASE-X and 100BASE-FX transceiver in dual mode Complies with IEEE 802.3bt PoE++ Type-4 PSE 	- Carrowent	VGW-420FS VGW-820FS VGW-1620FS VGW-2420FS	Indepand 07.22 H2 and opposituatio Codec with handset and hands-free function IETE SIP 2.0 (RFC 3261) compliant with outbound proxy / STUN traversal T.30/T.38 fax volume configuration Caller ID recognition DTMF and FSK Supports NAT, Firewall, 802.10 VLAN, QoS, TLS and SRTP		Network Management Controller with Touch LCD	The status of a network can be reported via system event and systeg SMTP alarm and PopupWindow for managed devices in real-time status Built-in PLANET AP controller (SAPC) and RADIUS authentication function Supports up to 256 PLANET BSP-360 and up to 1024 POE IP cameras Central provisioning and control over each managed device Event alert notification via e-mail
95W	SFP+ Managed Switch with LCD Touch Screen and Redundant Power PoE schedule, scheduled power recycling, PD alive check 36-60V DC and 100-240V AC redundant power for system GS-5220-24UP(L)4XV(R) 2.4-inch color LCD touch screen with management functions	IGUP-2205AT Industrial 100/1000X SFP to 10/1000/1000T 802.3bt PoE++ Media Converter GTP-805A	 Supports PoE power up to 95 watts for each PoE port DJP switch: Standard/Legacy PoE mode selection 12 ~ 56V DC redundant power with reverse polarity protection -40 to 75 degrees C operating temperature IEEE 802.3at PoE+, up to 30W over UTP cable Link Fault Passthrough (LFP) supported 		VGW-3220FS 4/8/16/24/32-Port SIP VoIP Gateway	 Supports sufficient and banagement through Wizard, TR069 and SNMP Supports multi-party conferencing, call forward, call waiting, hot-line call and Do-not-disturb SIP 2.0 (RFC 3261) compliant 30/100/200/500 Registrations and 15/30/60/100 Concurrent Calls Supports 2 FXO ports for IPX-330 		Management Controller NMS-360V-10/12 Enterprise-class Management Controller	 Map view and monitor IP cam snapshot Supports PLANET DDNS and Easy DDNS Auto discovery of up to 512 BSP-360 units Stylish TFT-LCD touch screen display and aluminum die-cast front bezel and chassis Dashboard for system event summary and device event notification Setup Wizard, e-mail alarm notification
95W	GS-5220-16UP2XV(R) - Supports 0195 watts of POE power L3 16G/24G UP0E + 2 10G - FEE 802.10 VLAN, or -in-Q, Protocol-based and MAC-based VLANs SFP+ Managed Switch - PoE schedule, scheduled power recycling, PD alive check StPP Managed Switch - Supports ONVIF detection With LCD Touch Screen - 16-/24-port 60W 802.3bt PoE, 400-watt PoE budget (GS-5220-16UP4S2X - 16-/24-port 60W 802.3bt PoE, 400-watt PoE budget	IGTP-805A IGTP-815AT 1000X to 10/100/1000T 802.3at PoE+ Media Convert	 Wall mount and easy installation 24V/48V DC, redundant power (IGTP-805A) -40 to 75 degrees C operating temperature 		IPX-2200/IPX-2500 Internet Telephony PBX System	Supports maximum 8 ports (on 2 slots - IPX-21FO/IPX- 21SL/IPX-21GS) 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 SSL / PPTP VPN, URL / IM / P2P Blocking and SPI Firewall		with Touch LCD	Map viewing and monitoring IP cam snapshots Supports PLANET DDNS, Easy DDNS
	GS-5220-24UP4X= 24-port IEEE 802.3at PoE, 400-watt PoE budget (GS-5220-24P4X)16G/24G UPOE + 2/4 10G SFP+/ 24G 802.3at PoE + 4 10G SFP+ L3 Managed Switch= 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 IEEE 802.13 MSTP and loop protection Multicast VLAN registration and voice VLAN	POE-E101/E201/E200 802.3bt/at/af PoE Extended			UMG-1000 100 Users Unified Office Gateway	Port FXO IP PBX and up to 100 Registration POP3, SMTP, IMAP and Webmail e-mail Service FTP & Network Storage LCR / BLF / BLA Inveillance	- 2000	KVM-210-08 KVM-210-16 8/16-Port Combo KVM Switc IKVM-210-08 IKVM-210-16 8/16-Port Combo IP KVM Switch	Computer selection via Por Select Solution, noticey and On Screen Display (OSD) QVS (Quick View Setting): Quickly select your computer by naming or SN number
	GS-5220-24P(L)4XV(R) 2.4-inch color LCD touch screen with management functions Supports up to 36 watts of PoE power for each PoE port L3 16G/24G PoE + 2 10G SFP+ Managed Switch with LCD Touch Screen	IPOE-E302 Industrial 1-Port 802.3bt PoE++ to 2-Port 802.3at Gigabit PoE Extender IRP-101C-KIT	 Maximum PoE budget up to 65 watts Extends the range of PoE for an additional 100 meters (328ft.) No external power cable required for installation -40 to 75 degrees C operating temperature IP67 and IK10 aluminum case; waterproof and dustproof design Re-use Existing Coaxial Cable for IP Camera 	07	ICA-3280 ICA-4280 H.265 1080p Smart IR Bullet / Dome IP Camera	 HDTV video quality up to 1080p H.265/H.264/JPEG/MJPEG compression WDR, 3DNR, ICR, PLANET DDNS & Easy DDNS PoE & ONVIF compliant for interoperability Built-in smart IR illuminators, effective up to 25 meters IP67-rated housing with cable management bracket 		KVM-210-08M KVM-210-16M 17" 8/16-Port Combo VGA LCD KVM Switch IKVM-210-08M	 Remote computer control via TCP/IP protocol (IKVM Series) 19-inch 1U rack mountable 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)
	GS-5220-24P(L)4X(R) Convenient and Smart ONVIF Devices with Detection Feature GS-5220-48P(L)4XR Supports PoE Power up to 36 watts for each PoE port L3 24G/48G UPoE + 4 10G IEEE 802.10 VLAN, Q-in-Q, Protocol-based and MAC-based VLANs SFP+ Managed Switch PoE schedule, scheduled power recycling, PD alive check	1-Port Long Reach PoE over Coax Extender Kit LRP-101U-KIT 1-Port Long Reach PoE over UTP Extender Kit	 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 		ICA-A3280 ICA-A4280 H.265 1080p Smart IR Bullet / Dome IP Camera with Artificial Intelligence	 1/2.8" 2 Megapixel progressive scan STARVIS™ CMOS Face Recognition & 5 Deep Artificial Intelligence H.265(+)/H.264(+)/JPEG/AVI/MJPEG triple-stream encoding WDR, 3DNR, ICR, 2-way audio, microSD, PLANET DDNS & Easy DDNS PoE & ONVIF compliant for interoperability Built-in smart IR illuminators, effective up to 25 meters ID67 atod howing with cable management bracket 		IKVM-210-16M 17" 8/16-Port Combo VGA LCD IP KVM Switch DTR-100D	 Multiplatform support: Windows 2000/2003/XP/Vista/7/10, Linux, Mac, and Sun Remote computer control via TCP/IP protocol (IKVM Series) Compliant with DVB-T HDTV quality / Snap shot in JPEG format Multi-channel preview / Channel auto scan
	GS-5220-8P2T2X GS-5220-8UP2T2X L3 8-Port 10/100/1000T 802.3at/bt PoE + 2-Port 1G/10G SFP+ Managed Switch8-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	LRP-104CET Industrial 1-Port Coax/UTI 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 		ICA-M3580P ICA-M4580P H.265 5 Mega-pixel Smart IR Bullet / Dome IP Camera	 IP67-rated housing with cable management bracket 1/2.8" 5 Megapixel progressive scan STARVIS™ CMOS 2.7-13.5mm 5X motorized zoom auto focus lens H.265(+)/H.264(+)/JPEG/AVI/MJPEG triple-stream encoding WDR, 3DNR, ICR, PLANET DDNS & Easy DDNS PoE & ONVIF compliant for interoperability Built-in smart IR illuminators, effective up to 40 meters 		USB 2.0 Digital TV Receiver DMA-200 ITB-3001 Digital Media Center	Real time & Schedule Digital Video Recording Multiple languages function UPnP AV/DLNA/HomePlug AV compliant Full HD (1080) and HDMI Stream videos, music and photos Wizard easy setup and user-friendly graphical on-screen menu
	SGS-5240-24P4XHardware IPv4/IPv6 Layer 3 static routingLayer 2+ 24-Port370-watt PoE budget, remote PoE power control10/100/1000T 802.3atIEEE 802.10 VLAN, Q-in-Q, GVRPPoE + 4-Port 10G SFP+Layer 2/3/4 Access Control List and QoSStackable Managed SwitchIGMP snooping v1, v2 and v3; MLD snooping v1 and v2Single IP management: Hardware stacking or switch cluster	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 		with Remote Focus and Zoom NVR-2500 NVR-2516P H.265 25-ch 4K Network Video Recorder	 IP67-rated housing with cable management bracket 16 independent PoE+ network interfaces (NVR-2516P) H.265/H.264 and dual streaming compression technology Up to 4K resolution recording and playback for clear monitoring PVMS and smart event for detailed monitoring Remote live viewing through Smart App for 24/7 viewing 		IHD-410PT IHD-410PR Video Wall Ultra 4K HDMI/ USB Extender Transmitter/	 Built-in VLC station for IPTV demo (ITB-3001) Support 1080p or Ultra 4K (3840 x 2160) HDMI resolution with H.264 IEEE 802.3af Standard PoE Interface HDCP-compliant and Blu-ray ready Support IR extension and Automatic EDID Assign video sources to any monitors of the video wall Assigns video sources to any monitor of the video wall system
	MGS-5220-8P2X L2+ 8-Port 2.5G 802.3at POE + 2-Port 1G/10G SFP+ Managed Multigigabit Switch BASE-X SFP+ Up to 8 ports of IEEE 802.3at/802.3at devices powered Layer 31P Routing, IGMP/ MLD Snooping port filtering Supports IPv6 ,VLAN, SSH/SSL, SNMP	LRP-422CST LRP-822CS LRP-622CS 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 watts 144-watt/240-watt/440-watt power budget, intelligent PoE management IEEE 802.1Q VLAN, IEEE 802.1s MSTP, IPv4 IGMP snooping and IPv6 MLD snooping 		ICA-3460V ICA-4460V H.265 4MP PoE Bullet/ Dome IR IP Camera	 1 eSATA, 4 SATA HDD drawer (3.5") and 4K HD/VGA output 2.8~12 mm vari-focal with wide angle surveillance Simultaneous H.264 and H.265 video compression with 4 mega-pixel Compliant with IEEE 802.3a/at POE interface Up to 30~45 meter IR LEDs with ICR/WDR IP66, ONVIF, PLANET DDNS & Easy DDNS 		Receiver over IP with PoE IHD-210PT IHD-210PR HD HDMI Extender Transmitter/Receiver over IP with PoE	 Assigns vices sources to any monitor of the viceo wan system 1-to-1,1-to-many and multi-casting broadcasting architectures Compatible with H.264 and 1080p HDTV resolution IEEE 802.3af Standard PoE Interface HDCP-compliant and Blu-ray ready High Compression Streaming for saving Bandwidth Support IR extension and Automatic EDID 1-to-1,1-to-many and multi-casting broadcasting architectures
	 WGSW-24040HP4 EEEE 802.3at/af Power over Ethernet / End-Span PSE 440-watt PoE Budget / Remote PoE Power Control Power Feeding On/Off, Power Schedule, pD Alive Check Function IPv6 Web Interface / SNMP v1, v2 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 	ENW-9720P ENW-9740P 2/4-port 10/100/1000T 802.3at PoE+ PCI Express server adapter	 PCI Express (PCIe) x4 slot Intel 1350 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 		with Vari-focal Lens ICA-HM620 Outdoor Speed Dome IP Camera	 IP66, ONVIF, PLANET DDNS & Easy DDNS 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 		IP-based 4-/8-Port Switched Power Manager	 I-to-I,I-to-many and multi-casting broadcasting architectures LCD panel to display voltage, current and IP address Intelligent power-on sequencing based on event occurrence or planned 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



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