

2010 New Product Release

Industrial Gigabit Ethernet Switch

Industrial 12-port managed Gigabit Ethernet switch with 8xGigabit combo ports and 4x1000Base-X, SFP socket

ThunderRail

IGS-7084GCP

- Supports Ethernet full Gigabit ports with 12xSFP ports or 8xRJ-45 + 4xSFP ports
- Supports world's fastest O-Ring, Open-Ring Ethernet redundant technology and standard MSTP /RSTP/STP Ethernet redundancy
- Supports ACL function and 9K Bytes jumbo frame
- Supports SNMP v1/v2c/v3, IGMP v2/v3, VLAN, QoS (COS/TOS), GVRP, 802.1x and LLDP standard Ethernet protocol
- Provide Web-based, Telnet, Console, (CLI) and powerful windows utility ~ Open-Vision V3 multi configuration



Industrial 12-port managed Gigabit PoE Ethernet switch with 8x10/100/1000Base-T(X) P.S.E. and 4x1000Base-X, SFP socket

ThunderPOE

IGPS-7084GP

- Supports world's fastest O-Ring, Open-Ring Ethernet redundant technology and standard MSTP/RSTP/STP Ethernet redundancy
- Supports ACL function and 9K Bytes jumbo frame
- Supports IP base bandwidth management which can limit each IP device maximum bandwidth
- Supports application base QoS and DOS/DDOS auto prevention function
- 8 ports support P.S.E. based on IEEE 802.3at standard up to 30 Watts per port and supports power consumption and scheduled management



Industrial 5-port managed Gigabit Ethernet switch with 3x10/100/1000Base-T(X) and 2xGigabit combo ports, SFP socket

IGS-3032GC

- Support O-Ring/Open-Ring/O-RSTP/MSTP/RSTP/STP Ethernet redundant technology
- Support SNMP/RMON/VLAN/GVRP/QoS/IGMP/LACP/802.1x/PTP Client/DHCP/LLDP standard IEEE protocol
- Support triple 12 ~ 48VDC redundant power inputs
- Event notification through Syslog, Email, SNMP trap, and Relay Output
- Web-based, Telnet, Console, (CLI), and Windows utility (Open-Vision) configuration



Industrial PoE Ethernet Switch

Industrial 6-port lite-managed PoE Ethernet switch with 4x10/100Base-T(X) P.S.E and 2x100Base-FX, SFP socket

IPS-2042P

- Support O-Ring/Open-Ring/RSTP/STP Ethernet redundant technology
- Support 4-ports P.S.E based on IEEE 802.3af standard up to 25 Watts per port
- Support SNMP/VLAN/DHCP/LLDP standard IEEE protocol
- Support triple 48VDC redundant power inputs
- Web-based, Console and Windows utility (Open-Vision) configuration



Industrial Rack-Mount Ethernet Switch

Industrial 24-port rack mount managed Gigabit Ethernet switch with 16xGigabit combo ports and 8x1000Base-X, SFP socket

RGS-7168GCP

- Support Ethernet full Gigabits SFP ports
- Support O-Ring/Open-RingMSTP/RSTP/STP Ethernet redundant technology
- Support SNMP/RMON/VLAN/GVRP/QoS/IGMP/LACP/802.1x/DHCP/LLDP standard IEEE protocol
- Support 100 ~ 240VAC power input
- Support Web-based, Open-Vision V3 Telnet, Console, (CLI) configuration
- Support Jumbo frame up to 9K Bytes



Industrial 28-port rack mount managed Gigabit Ethernet switch with 24x10/100/1000Base-T(X) and 4x1000Base-X, SFP socket

RGS-7244GP

- Support O-Ring/Open-Ring/MSTP/RSTP/STP Ethernet redundant technology
- Support SNMP/RMON/VLAN/GVRP/QoS/IGMP/LACP/802.1x/DHCP/LLDP standard IEEE protocol
- Support 100 ~ 240VAC power input
- Support Web-based, Open-Vision V3, Telnet, Console, (CLI) configuration
- Support Jumbo frame up to 9K Bytes



Industrial 26-port rack mount managed Gigabit PoE Ethernet switch with 24x10/1000Base-T(X)P.S.E. and 4x1000 Base -X,SFP Socket

RGPS-7244GP

- Support O-Ring/Open-Ring/O-RSTP/MSTP/RSTP/STP Ethernet redundant technology
- Support SNMP/RMON/VLAN/GVRP/QoS/IGMP/LACP/802.1x/DHCP/LLDP standard IEEE protocol
- Support 100~240VAC and dual 12~48VDC redundant power inputs (-E model)
- Event notification through Syslog, Email, SNMP trap, and Relay Output
- Web-based, Telnet, Console,(CLI), and Windows utility (Open-Vision) configuration



Industrial 26-port rack mount managed Ethernet switch with 24x10/100Base-T(X) and 2xGigabit combo ports, SFP socket (enhanced version)

RES-3242GC / 3242GC-E

- Support O-Ring/Open-Ring/O-RSTP/MSTP/RSTP/STP Ethernet redundant technology
- Support SNMP/RMON/VLAN/GVRP/QoS/IGMP/LACP/802.1x/DHCP/LLDP standard IEEE protocol
- Support 100~240VAC and dual 12~48VDC redundant power inputs (-E model)
- Event notification through Syslog, Email, SNMP trap, and Relay Output
- Web-based, Telnet, Console,(CLI), and Windows utility (Open-Vision) configuration



Industrial Fast Ethernet Switch

Industrial 24-port managed Ethernet switch with 24x10/100Base-T(X)



IES-3240

- Support 0-Ring/Open-Ring/O-RSTP/MSTP/RSTP/STP Ethernet redundant technology
- Support SNMP/RMON/VLAN/GVRP/QoS/IGMP/LACP/802.1x/PTP Client/DHCP/LLDP standard IEEE protocol
- Support redundant dual 12 ~ 48VDC power inputs
- Event notification through Syslog, Email, SNMP trap, and Relay Output
- Web-based, Telnet, Console, (CLI), and Windows utility (Open-Vision) configuration

Industrial 16-port managed Ethernet switch with 16x10/100Base-T(X)



IES-3160

- Support 0-Ring/Open-Ring/O-RSTP/MSTP/RSTP/STP Ethernet redundant technology
- Support SNMP/RMON/VLAN/GVRP/QoS/IGMP/LACP/802.1x/PTP Client/DHCP/LLDP standard IEEE protocol
- Support dual 12 ~ 48VDC redundant power inputs
- Event notification through Syslog, Email, SNMP trap, and Relay Output
- Web-based, Telnet, Console, (CLI), and Windows utility (Open-Vision) configuration

Industrial 10-port managed Ethernet switch with 7x10/100Base-T(X) and 3xGigabit combo ports, SFP socket



IES-3073GC

- Support 0-Ring/Open-Ring/O-RSTP/MSTP/RSTP/STP Ethernet redundant technology
- Support SNMP/RMON/VLAN/GVRP/QoS/IGMP/LACP/802.1x/PTP Client/DHCP/LLDP standard IEEE protocol
- Support dual 12 ~ 48VDC redundant power inputs
- Event notification through Syslog, Email, SNMP trap, and Relay Output
- Web-based, Telnet, Console, (CLI), and Windows utility (Open-Vision) configuration

EN50155 8-port managed Ethernet switch with 8x10/100Base-T(X), M12 connector



TES-3080-M12

- EN50155 certified for railway application
- Support 0-Ring/Open-Ring/O-RSTP/MSTP/RSTP/STP Ethernet redundant technology
- Support SNMP/RMON/VLAN/GVRP/QoS/IGMP/LACP/802.1x/PTP Client/DHCP/LLDP standard IEEE protocol
- Support dual 12 ~ 48VDC redundant power inputs
- Event notification through Syslog, Email, SNMP trap, and Relay Output
- Web-based, Telnet, Console, (CLI), and Windows utility (Open-Vision) configuration

Industrial Slim Type Ethernet Switch

Industrial 6-port slim type lite-managed Ethernet switch with 4x10/100Base-T(X) and 2x100Base-FX, SFP socket



IES-2042PA

- Support 0-Ring/Open-Ring/RSTP/STP Ethernet redundant technology
- Support SNMP/VLAN/DHCP/LLDP standard IEEE protocol
- Support dual 12 ~ 48VDC redundant power inputs
- Web-based, Console and Windows utility (Open-Vision) configuration
- Provide hardware DIP-Switch to set ring function

Industrial 5-port slim type lite-managed Ethernet switch with 5x10/100Base-T(X)



IES-2050A

- Support 0-Ring/Open-Ring/RSTP/STP Ethernet redundant technology
- Support SNMP/VLAN/DHCP/LLDP standard IEEE protocol
- Support dual 12 ~ 48VDC redundant power inputs
- Web-based, Console and Windows utility (Open-Vision) configuration
- Provide hardware DIP-Switch to set ring function

Industrial Mini Type Ethernet Switch

Industrial 5-port mini type unmanaged Ethernet switch with 5x10/100Base-T(X)



IES-150B

- Support auto-negotiation and auto-MDI/MDI-X
- Support store and forward transmission
- Support flow control
- Support dual 12 ~ 48VDC redundant power inputs
- Mini size for easy installation

Industrial Serial Device Server

Industrial 4-port /8-port slim type serial to Ethernet device server with 4 or 8xRS-232 and 1x10/100Base-T(X)



IDS-141A / 181A

- Versatile Modes : Virtual Com, Serial Tunnel, TCP Server, TCP Client, UDP
- NAT-pass through : user can manage IDS-181A/141A through NAT router
- Security : secured management by HTTPS and SSH Access : IP Black List
- Event Warning by Syslog, Email, SNMP trap
- Configurable by Web-based and Windows utility (DS-Tool)

2010 New Product Release

Industrial Access Point and Router

Industrial IEEE 802.11 b/g wireless access point with 2x10/100Base-T(X)



IAP-120 / 120+

- Highly Security Capability: WEP/WPA/WPA-PSK (TKIP,AES)/ WPA2/WPA2-PSK(TKIP,AES)/802.1X Authentication supported
- Support AP/Bridge/Repeater/AP-Client Mode
- Support X-Roaming < 100 ms
- Support wireless load balance
- Fully Compliant with IEEE802.3af (Power Device at ETH2, IAP-120+)

Industrial IEEE 802.11 a/b/g wireless access point with 2x10/100Base-T(X)



IAP-320 / 320+

- Highly Security Capability: WEP/WPA/WPA-PSK (TKIP,AES)/ WPA2/WPA2-PSK(TKIP,AES)/802.1X Authentication supported
- Support AP/Bridge/Repeater/AP-Client Mode
- Support X-Roaming < 100 ms
- Support wireless load balance
- Fully Compliant with IEEE802.3af (Power Device at ETH2, IAP-320+)

Industrial outdoor IEEE 802.11 a wireless access point with 1x10/100Base-T(X) PoE P.D., IP-67 grade, N-type antenna connector



IAP-6701N-WG+ / WA+

- Support IEEE802.3 b/g or a wireless LAN and specifically designed for the toughest industrial environments
- Supports IP-67 outdoor waterproof and full compliant with IEEE802.3af PoE P.D. function
- Various kinds of operation modes supported: AP/Bridge/Repeater/AP-Client/Client mode
- Supports X-Roaming and wireless load balance for mobile communication
- Supports external N-Type antenna install and event warning by Syslog, E-mail and SNMP trap

Industrial Access Point and Router

Industrial Cellular VPN router with 1x10/100Base-T(X)

IR-711UB

- Provide 1 port 10/100Base-T(X) port and 1 port USB 2.0 port
- USB interface support 3.5G HSDPA USB Modem dial up
- Secured Management by HTTPS
- IP table to prevent access from unauthorized IP address
- Support VPN Setting (Open VPN, PPTP VPN)



Industrial Media Converter

Industrial mini type Ethernet to fiber media converter with 1x10/100Base-T(X) and 1x100Base-FX, SFP socket

IMC-111PB

- Supports 1 port 10/100Base-T(X) auto-negotiation and auto-MDI/MDI-X
- Support LFP (Link Fault Pass-through) function
- Supports full/half duplex flow control and supports store and forward transmission
- Provided DIP-switch to setting and provide RJ-45 convert to SFP interface
- Very wide operating temperature range from -40 ~ 70°C and rigid IP-30 design for harsh operating environments



Industrial mini type Ethernet to fiber media converter with 1x10/100Base-T(X) and 1x100Base-FX

IMC-111FB

- Supports 1 port 10/100Base-T(X) auto-negotiation and auto-MDI/MDI-X
- Support LFP (Link Fault Pass-through) function
- Supports full/half duplex flow control and supports store and forward transmission
- Provided DIP-switch to setting and provide RJ-45 convert to Fiber interface
- Very wide operating temperature range from -40 ~ 70°C and rigid IP-30 design for harsh operating environments



Industrial mini type Ethernet to fiber media converter with 2x10/100Base-T(X) and 1x100Base-FX

IMC-121FB-MM/SS

- Supports 2 ports 10/100Base-T(X) auto-negotiation and auto-MDI/MDI-X
- 2x10/100 Base-T(X) ports to extend copper ports
- High reliability and rigid IP-30 housing
- Support dual 12 ~ 48VDC redundant power inputs
- Mini size for easy installation
- Very wide operating temperature range from -40 ~ 70°C and rigid IP-30 design for harsh operating environments



Industrial 1-port USB to 4-port/8-port RS-232 serial media converter

ISC-4110U / 8110U

- Fully compliant with USB specification 2.0
- RS-232 support RTS/CTS, DSR/DTR handshake signals
- Baud rate up to 921.6Kbps
- Dual redundant external DC power inputs on terminal block and power jack
- USB bus powered with Ultra low power consumption
- Very high density to save space for installation

