

A New Era of Industrial Ethernet Switches

Full series of Gigabit port switches and full protection on hardware and software

- ▶ Software security: ACL, QoS, Vlan and Filter
- ▶ Hardware protection: 2KV surge immunity on RJ45 and all switches with -40~75°C wide-temperature
- ▶ Green Ethernet--IEEE802.3az port power saving and low power consumption

V3.0



About ISON

ISON stands for "Industrial Solution Over Network". With the focus on Industrial Networking we play an important role in system planning & design for automation applications. With a focus on Industrial Networking solutions, ISON creates lots of innovative ideas for industrial networking solutions in order to satisfy customers. We have designed solutions for Factory Automation, Power Utility, Intelligent Transportation System, IP Surveillance, Railway, Oil & Gas, and others. ISON is committed to providing world-class products, network design consulting, and the best after-sale service to customers. ISON's mission is to provide the best value industrial-grade networking solutions to our customers. ISON is also committed to establishing a friendly working environment to our employees.

Our Vision

To become the top industrial network solution provider in the world.

Our Mission

ISON technology provides world class reliable products for mission critical industrial applications. With our reliable solutions, we want to invest and contribute our knowledge and effort on helping people, society, around the world.

To employees,

We promote a warm, and healthy working environment for employees and their families. We strive for ISON target achievement and our teams' personal success. We believe that all the employees at ISON are most important to our success.

To our partners

A win-win business attitude is our approach to our partners around the world. We co-work with each other and offer continuous support in the Industrial Automation field ensuring our customers satisfaction and success.



ISON Industrial Switch's unique product features

- 2KV Surge immunity on RJ45 ports
- 1.5KV Hipot for port isolation
- -40~75°C operating temperature
- 100% burn-in process
- Rugged Fan-less Design
- Innovated functions – I.A. Ring/I.A. Chain (Intelligently Active Ring/Chain)
- High level security – ACL, QCL, VCL, and etc.
- Easy to use, user friendly Design

Professional Network Design Service*

ISON provides Professional Industrial Network Design Service to our customers. Professional Industrial Network Design services include industrial network planning, network optimization and configuration check. ISON's network consultants offer clear plans to optimize your industrial networks and focus on Ethernet IP-based open standards and resilient ring & chain topologies to enable consistent network uptime and fast recovery upon link failures.

For more detail, please contact ISON's sales team.

*Please contact ISON's sales team to get a quotation for ISON's Professional Industrial Network Design Service and understand the process of this service.



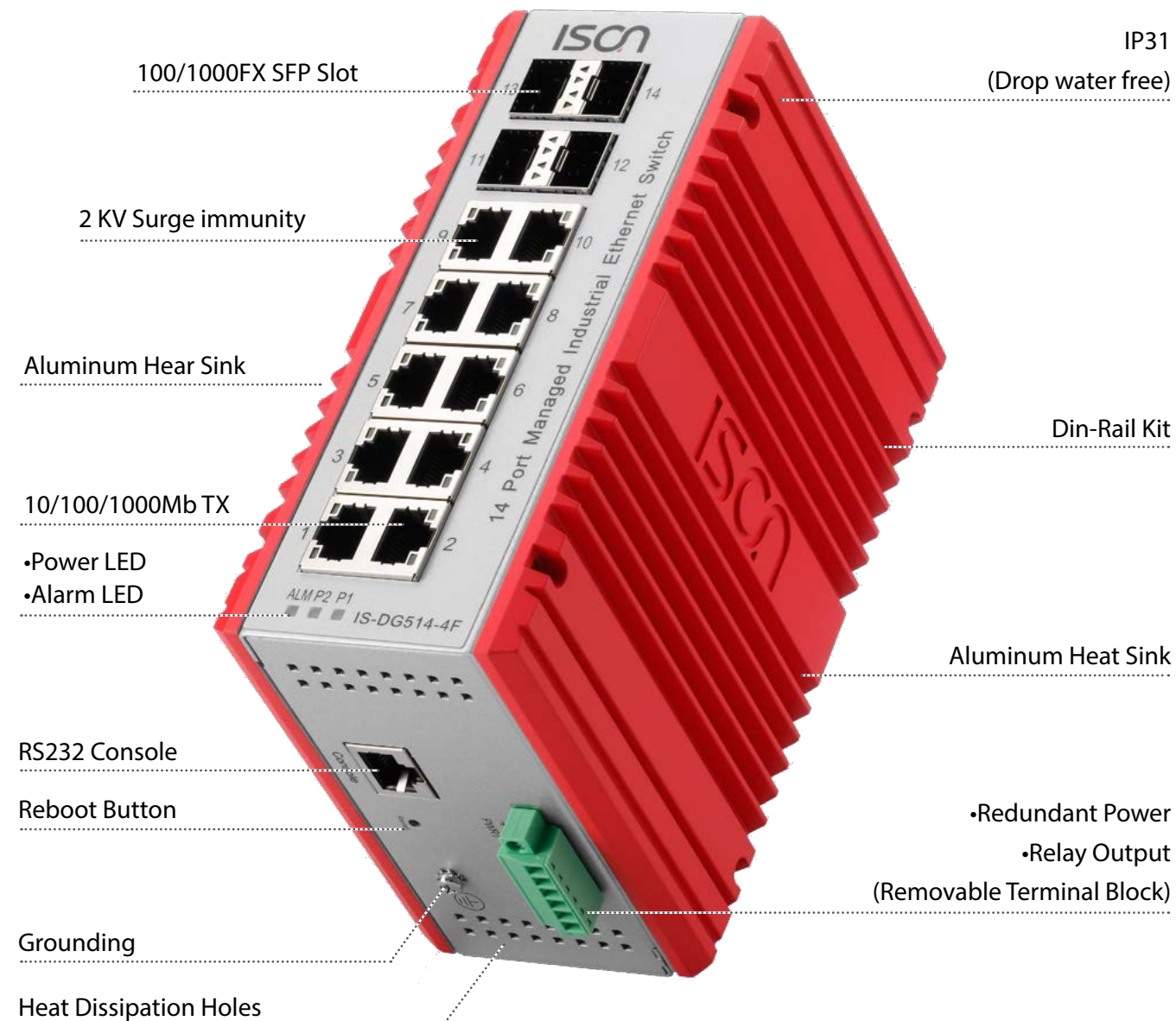
Industries

ISON Industrial Ethernet Solutions can be unified into a single integrated Ethernet-centric solution that includes wired and wireless connectivity. The outstanding performance and stability of ISON network devices is the best solution to establish a trusted network backbone for many harsh environment like factories, railway, ITS (Intelligent Transport System), Power and oil & gas. From next pages, we provide factory automation and railway network applications as examples to show how to implement ISON products in real cases.



Solutions

Hardware Outlook

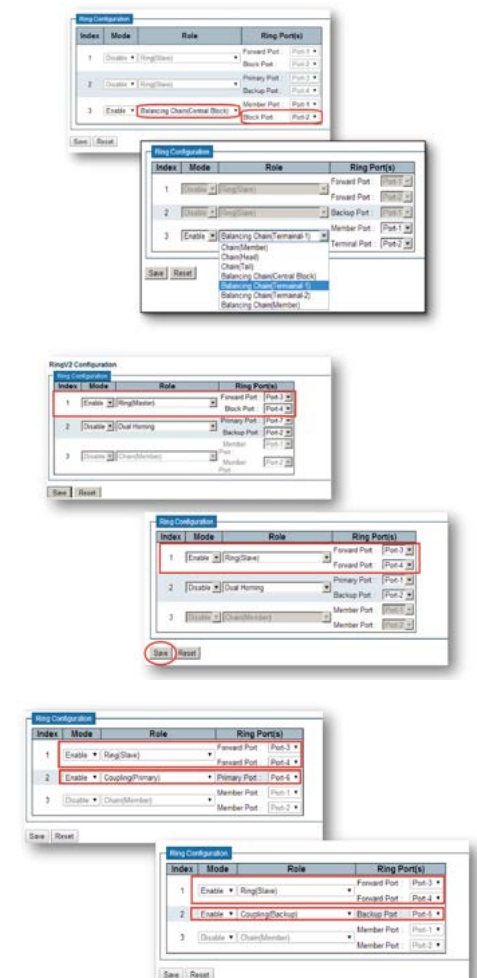
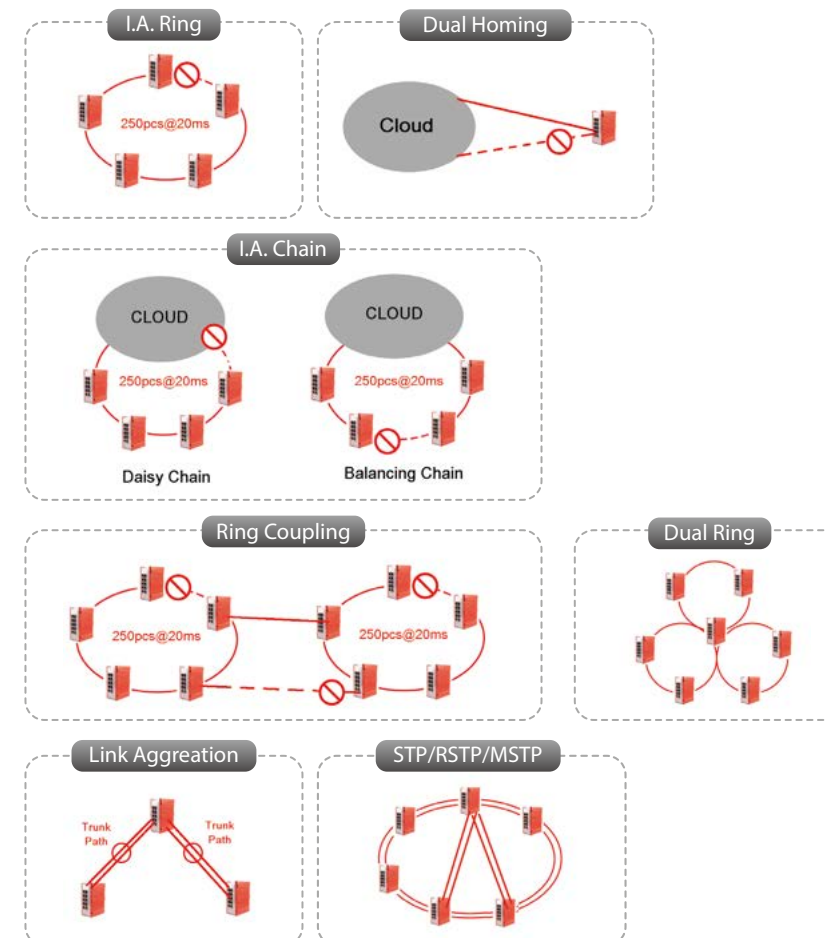


Key Features

- 1 10 Gigabit RJ45 Copper ports plus 4 100 / 1000 Based SFP(SX/LX/LHX) ports
- 2 Supports IPV4/V6
- 3 Supports 9K Jumbo frames
- 4 Layer 2 Line-Speed Switching Fabric, non-blocking
- 5 Layer 4 ACL (Access Control List), QCL (QoS Control List), Port Control
- 6 Network redundancy LACP, Spanning Tree Protocol, STP, RSTP, MSTP
- 7 Supports I.A. Ring, I.A. Chain (Network Load Balancing), 250pcs@20ms
- 8 Supports BLP (Bad Link Protection) of I.A. Ring
- 9 Supports Ring Coupling, Multiple Ring, Dual Homing
- 10 Private/Port-based VLAN, IEEE 802.1Q Tag-based VLAN, Protocol-based VLAN, Private VLAN, IP-Subnet based VLAN, Voice VLAN, IEEE 802.1ad Double Tagging (QinQ), MVR, VCL(VLAN Control List)
- 11 IEEE 802.1X Port-based access control / RADIUS / TACACS+ Server
- 12 VeriPHY Cable Diagnostics, Per VLAN mirroring
- 13 Supports AC 110/220 V Input, 10KV Lightning Protection.
- 14 SNMP v1/v2c/v3, Trap / Inform, RMON
- 15 Supports 19" Rackmount, DIN Rail Mount, Wall Mount, Desk Mount, Couple Mounting Installation
- 16 Supports Loop Protection and EEE Port Power Saving
- 17 -40°~75°C Operating temperature
- 18 IP 30 Protection
- 19 2KV surge immunity on RJ45 Copper port
- 20 Rugged Fan-less Design

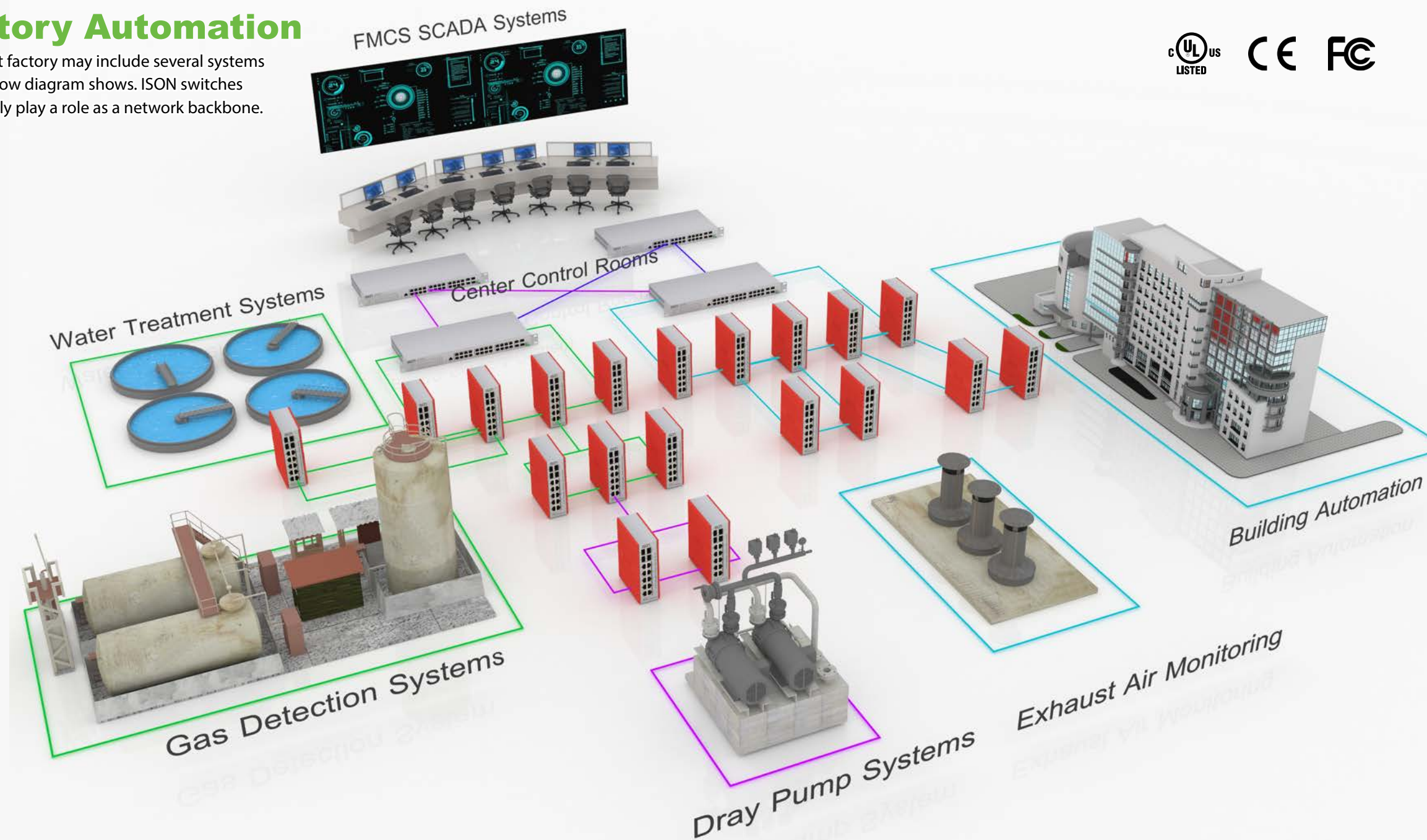
I.A. Ring/I.A. Chain, (250pcs@20ms)

Flexible Network Design, 3 step easy configuration.



Factory Automation

- A smart factory may include several systems like below diagram shows. ISON switches perfectly play a role as a network backbone.



IS-RG528 series

1. I.A. Ring, I.A.Chain:250pcs@20ms
2. Layer 4 ACL (Access Control List), QCL (QoS Control List), Port Control
3. Support 9K Jumbo frames
4. Multicasting support IGMP v1/v2/v3, proxy & snooping
5. 1.5KVHipot, 2KV surge immunity on RJ45 Copper port



IS-DG510 Series

1. I.A. Ring, I.A.Chain:250pcs@20ms
2. Port-based, Tag-based, Protocol-based VLAN, IEEE 802.1ad / QinQ, MVR
3. IEEE 802.1X Port-based access control / RADIUS / TACACS+ Server
4. Support 9K Jumbo frames
5. SNMP v1/v2c/v3, Trap / Inform, RMON

Design considerations are as follows:

1. The main & standby power supply
2. Main and Backup system
3. Media Redundancy or System Redundancy
4. Maintenance & Repair also related cost
5. User/operator friendly
6. Production measurement & performance

Main systems are considering as follows:

1. FMCS (Facility Monitoring Control System)
2. DCS (Distributed Control System)
3. Material Handling System
4. Quality Measurement System
5. ESD (Emergency Shut Down System)
6. Fire Alarm / Monitoring
7. Water Treatment System
8. Gas System
9. Comical System
10. PS (Power Supply System)
11. Environmental Monitoring/Exhaust System.

Auxiliary systems are considering as follow:

- 1: HVAC (heating, ventilating, and air conditioning)
- 2: BAS (Building Automation System)
- 3: AGV (Automated Guided Vehicle)
- 4: Raw Material Handling / Storage
- 5: Lighting System
- 6: Human Management / Human Safety
- 7: Remote Monitoring / Recording
- 8: Device / Maintenance Monitoring
- 9: Leak Detect Monitoring system

Smart Railway

- ISON's Industrial Ethernet solution can be perfectly implemented in different systems for smart railway application. ISON's unique redundant technologies I.A. Ring (Intelligent & Active Ring) and I.A. Chain can support up to 250 switches in a network system and can reach 20ms recovery time. Below diagram is an example showing you how ISON switches can support our customers to reach smart railway.



IS-DG512P-4F

- 1 I.A. Ring, I.A.Chain:250pcs@20ms
- 2 Up to 8 IEEE 802.3af/at PoE port, 15.4/30 Watt output, Full Load
- 3 Support Smart PoE management function
- 4 Port Power Saving, Loop Protection, IP 30 Protection
- 5 2KV surge immunity on RJ45 Copper port, 1.5KV Hipot



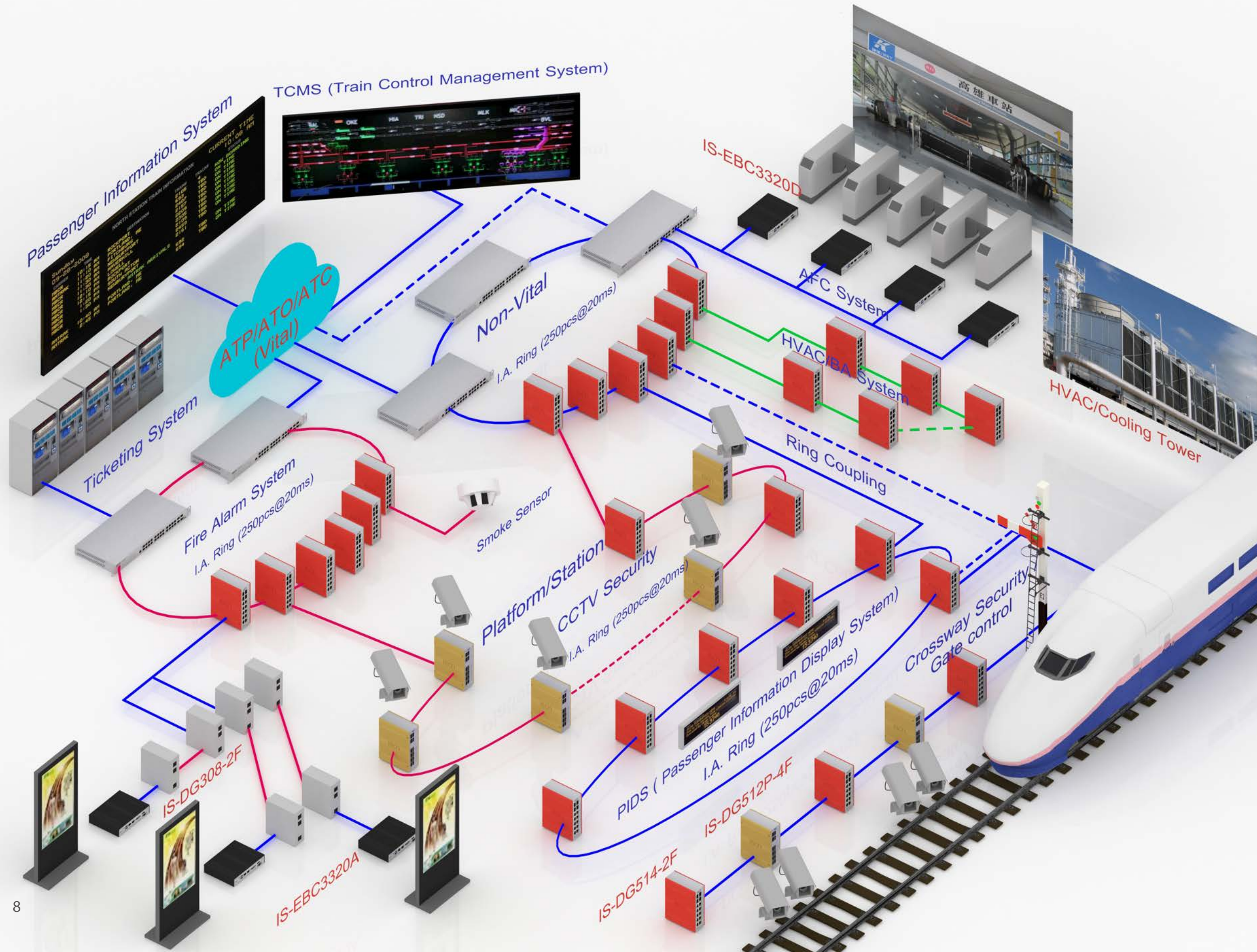
IS-EBC3320A

- 1 2 x Gigabit ethernet ports, 2 x USB 3.0, VGA & HDMI, audio Line out x 1
- 2 Support 2.5" SATA HDD
- 3 Support 1 (Half Size) + 1 (Full Size) shared with mSATA
- 4 Support 9~36 V DC power input
- 5 Fan Less, compact size design



IS-DG308-2F

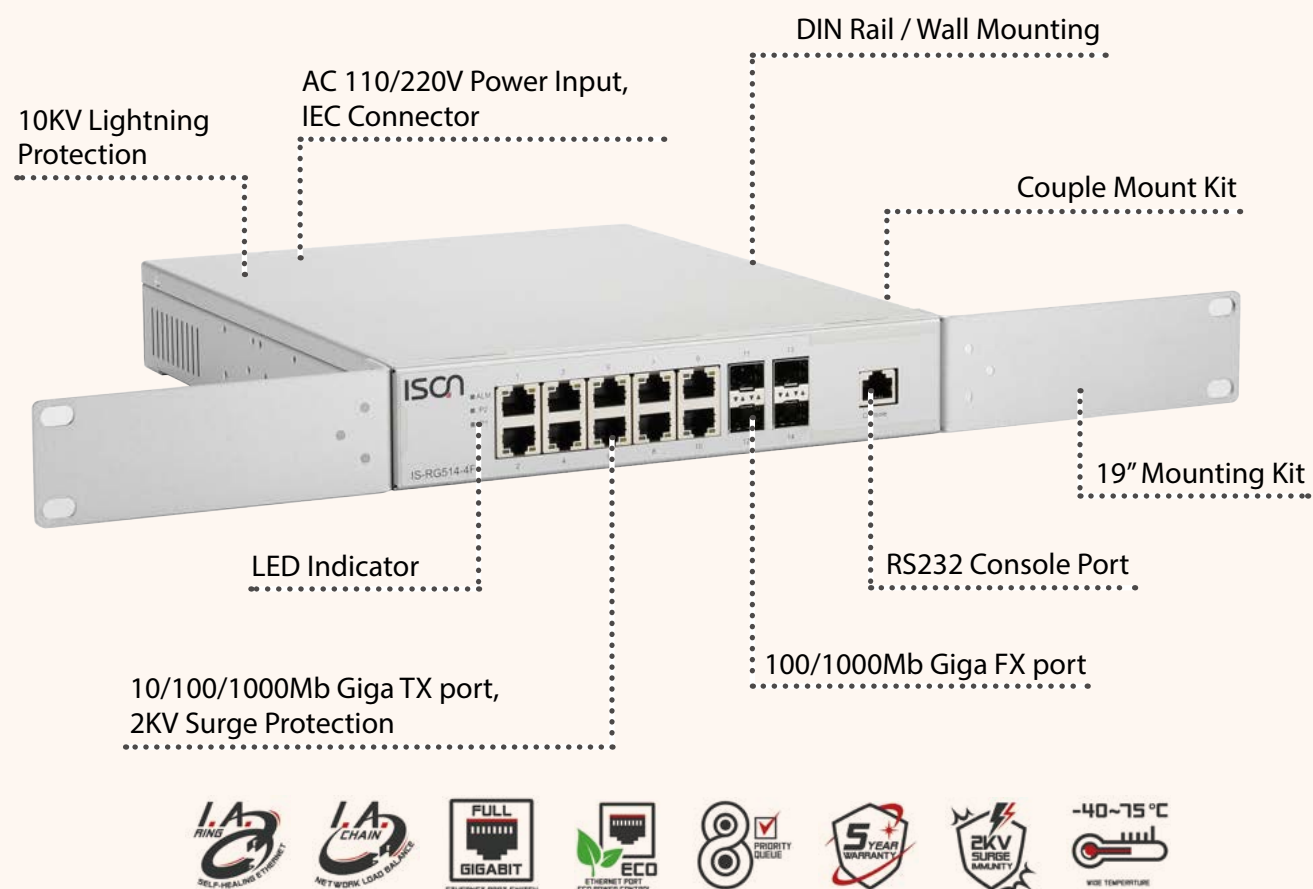
- 1 6 Gigabit Copper ports with 2 100/1000 SFP ports.
- 2 Support 9K Jumbo frames
- 3 IEEE 802.3x flow control & back-pressure
- 4 Layer 2 wire-speed switching engine
- 5 Fan-Less design with wide-temperature (-40~75°C)



Product Showcase

Product Highlights

► IS-RG514-4F-A Series



► IS-RG514-4F-A Product Families



IS-RG514-4F-A (14G, Max.4 Fiber)



IS-RG512-4F-A (12G, Max.4 Fiber)



IS-RG510-2F-A (10G, Max.2 Fiber)



IS-RG508-2F-A (8G, Max.2 Fiber)



IS-DG500 Series Managed Layer 2/4 Industrial Ethernet Switch



IS-DG305/308 Series Unmanaged Layer 2 Industrial Ethernet Switch



Key Feature

- Layer 2 Line-Speed Switching Fabric, non-blocking
- Broadcast Storm Protection
- Wide-temperature range (-40~75°C)
- Redundant power input (12~58 VDC)
- Reverse power protection
- DIN-Rail or wall mount installation
- Relay Output Alarm
- IP 30 Protection
- Rugged Fanless design
- 2KV Surge immunity on RJ45 ports
- 1.5KV Hipot for port isolation
- UL 60950-1

IS-DF305/308/310 Series



Total Industrial Ip Surveillance PoE Solution

IS-DG508HS10-2F-2A

IS-DG510HS10-2F-2A

IS-DG512HS10-4F-2A

IS-DG514HS10-4F-2A



Key Feature

- Hot-swappable redundant power Input 100/240 VAC, 50Hz ~ 60Hz
- 6 Gigabit RJ45 Copper ports plus 2 100 / 1000 Based SFP(SX/LX/LHX/ZX) ports (IS-DG508HS10-4F-2A)
- 8 Gigabit RJ45 Copper ports plus 2 100 / 1000 Based SFP(SX/LX/LHX/ZX) ports (IS-DG510HS10-4F-2A)
- 8 Gigabit RJ45 Copper ports plus 4 100 / 1000 Based SFP(SX/LX/LHX/ZX) ports (IS-DG512HS10-4F-2A)
- 10 Gigabit RJ45 Copper ports plus 4 100 / 1000 Based SFP(SX/LX/LHX/ZX) ports (IS-DG514HS10-4F-2A)
- Support 9K Jumbo frames
- Layer 2 Line-Speed Switching Fabric, non-blocking
- Layer 4 ACL (Access Control List), QCL (QoS Control List), Port Control
- Network redundancy LACP, Spanning Tree Protocol, STP, RSTP, MSTP
- Support I.A. Ring, I.A. Chain (Network Load Balancing), 250pcs@20ms
- Support BLP (Bad Link Protection) of I.A. Ring
- Support Ring Coupling, Multiple Ring, Dual Homing
- Private/Port-based VLAN, IEEE 802.1Q Tag-based VLAN, Protocol-based VLAN, Private VLAN, IP-Subnet based VLAN, Voice VLAN, IEEE 802.1ad Double Tagging (QinQ), MVR, VCL
- Multicasting support IGMP v1/v2, proxy & snooping, MLD snooping
- IEEE 802.1X Port-based access control / RADIUS / TACACS+ Server
- VeriPHY Cable Diagnostics, Per VLAN mirroring
- AC Power Input 100/240 VAC, 50Hz ~ 60Hz
- 10KV Lightning Protection (Power Module)
- SNMP v1/v2c/v3, Trap / Inform, RMON
- Din-Rail Mount, Wall Mount
- Port Power Saving
- Loop Protection
- 40~75°C operating temperature
- IP 30 Protection
- 2KV surge immunity on RJ45 Copper port
- 1.5KV Hipot
- Rugged Fanless Design
- Fault Alarm Notification (Power, Ports)
- Support IPV4/V6

IS-DG102P-1

IS-DG102P-F-1



Key Feature

- Layer 2 Line-Speed Switching Fabric, non-blocking
- PoE support up to 15.4/30/36/90 Watt
- Overload current protection
- Reverse power protection
- Provides increased noise immunity
- 40°C to 75°C operating temperature
- Rugged design, compact enclosure



IS-DG510-A



Key Feature

- AC Power Input 100/240 VAC, 50Hz ~ 60Hz
- 10KV Lightning Protection (Power Module)
- 10 Gigabit RJ45 Copper ports plus 4 100 / 1000 Based SFP(SX/LX/LHX) ports
- Layer 2 Line-Speed Switching Fabric, non-blocking
- Layer 4 ACL (Access Control List), QCL (QoS Control List), Port Control
- IEEE 802.1X Port-based access control / RADIUS / TACACS+ Server



IS-DG300-A Series

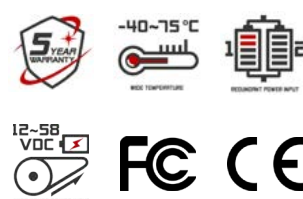


Key Feature

- AC Power Input 100/240 VAC, 50Hz ~ 60Hz
- Support 9K Jumbo frames
- IEEE 802.3x flow control & back-pressure
- Layer 2 Line-Speed Switching Fabric, non-blocking
- Support IEEE 802.1p TOS/Diffserv, QoS
- Multicast / Broadcast / Flooding Storm Control
- Wide-temperature range (-40~75°C)



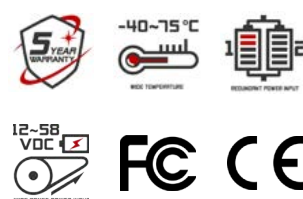
■ IS-DF310 Series



Key Feature

- 8/4/2/0 100Mbps SFP Ports plus 2/6/8/10 100Mbps Copper ports
- IEEE 802.3x flow control & back-pressure
- Wide-temperature range (-40~75°C)
- Redundant power input (12~58 VDC)

■ IS-DF316/324 Series



Key Feature

- Provides 16 / 24 10/100Mbps Copper ports
- Layer 2 wired-Speed switching engine
- Redundant 12~58VDC Power Input, 2KV Protection
- Compact size and IP30 protection

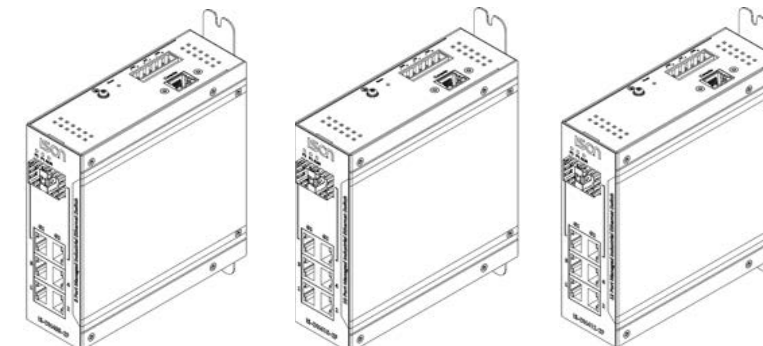
■ IS-DF205/DF208Series



Key Feature

- 5 / 8 10/100Mb Copper ports
- IEEE 802.3x flow control & back-pressure
- Layer 2 Line-Speed Switching Fabric, non-blocking
- Wide-temperature range (-40~75°C)
- Redundant power input (12~58 VDC)
- Reverse power protection
- Din-Rail mountable
- IP 30 Protection
- Rugged Fan-less design

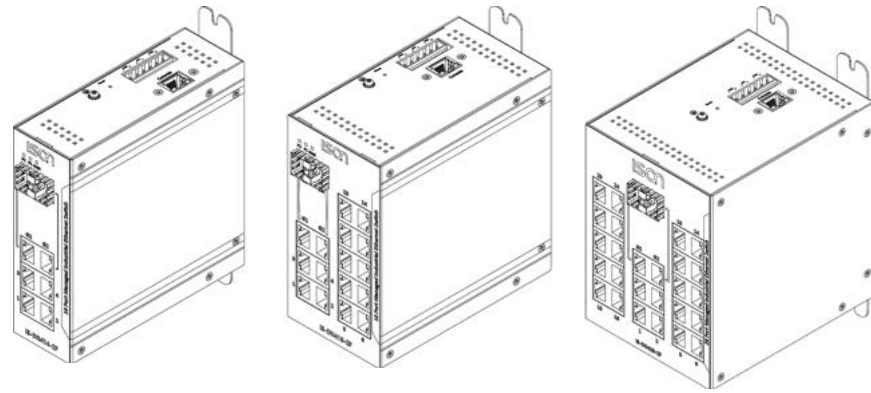
■ IS-DH408/410/412 Series



Key Feature

- 4 / 8 10/100Mb Copper ports, 2/0 1000Mb copper port, 2/4 1000Mb Based SFP ports
- Layer 2 Line-Speed Switching Fabric, non-blocking
- Network redundancy LACP, Spanning Tree Protocol, STP, RSTP
- Port-based VLAN, IEEE 802.1Q Tag-based VLAN
- Redundant Power Input (12~58 VDC) & Reverse power protection
- SNMP v1/v2c, Trap
- Din-Rail Mount, Wall Mount Installation
- -40~75°C operating temperature
- IP 30 Protection
- 2KV surge immunity on RJ45 Copper port
- 1.5KV Hi-pot
- Rugged Fan-less Design
- Fault Alarm Notification (Power)

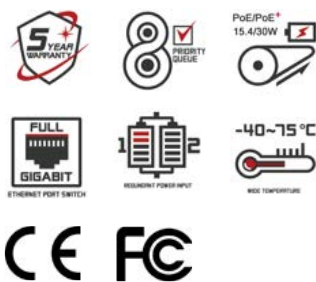
■ IS-DH414/418/428 Series



Key Feature

- 4 / 14 / 24 10/100Mb Copper ports, 2/0 1000Mb copper port, 2/4 1000Mb Based SFP ports
- Layer 2 Line-Speed Switching Fabric, non-blocking
- Network redundancy LACP, Spanning Tree Protocol, STP, RSTP
- Port-based VLAN, IEEE 802.1Q Tag-based VLAN
- Redundant Power Input (12~58 VDC) & Reverse power protection
- SNMP v1/v2c, Trap
- Din-Rail Mount, Wall Mount Installation
- -40~75°C operating temperature
- IP 30 Protection
- 2KV surge immunity on RJ45 Copper port
- 1.5KV Hi-pot
- Rugged Fan-less Design
- Fault Alarm Notification (Power)

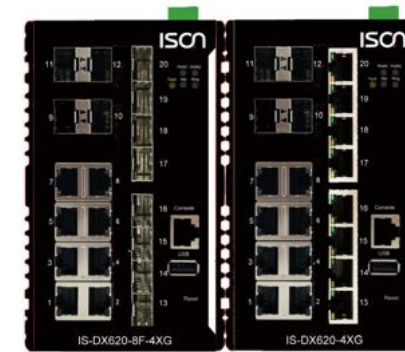
■ IS-DX612P Series



Key Feature

- 8 Gigabit RJ45 Copper ports plus 4 10G Based SFP+ ports
- Support up to 8 PoE port, IEEE 802.3af/at PoE, 15.4/30 Watts output, Full Load
- Support 16K Jumbo frames
- Layer 2 Line-Speed Switching Fabric, non-blocking
- Network redundancy LACP, Spanning Tree Protocol, STP, RSTP, MSTP, ERPS
- IEEE 802.1Q Tag-based VLAN, IEEE 802.1ad Double Tagging (QinQ)
- IEEE 802.1X Port-based access control, RADIUS,
- Redundant Power Input (48~57 VDC) & Reverse power protection
- SNMP v1/v2c/v3, Trap / Inform, RMON
- DIN-Rail Mount, Wall Mount
- -40~75°C operating temperature
- IP 30 Protection
- 2KV surge immunity on RJ45 Copper port
- 1.5KV Hipot
- Rugged Fanless Design
- Fault Alarm Notification (Power, Ports)
- Support IPV4/V6

■ IS-DX620-4XG Series



Key Feature

- 16/8 Gigabit RJ45 Copper ports plus 0/8 100/1000 Based SFP(SX/LX/LHX) ports plus 4 10G Based SFP+ ports
- Support 16K Jumbo frames
- Layer 2 Line-Speed Switching Fabric, non-blocking
- Network redundancy LACP, Spanning Tree Protocol, STP, RSTP, MSTP, ERPS
- IEEE 802.1Q Tag-based VLAN, IEEE 802.1ad Double Tagging (QinQ)
- IEEE 802.1X Port-based access control, RADIUS, TACACS+, SSL, SSH
- Redundant Power Input (12~48 VDC) & Reverse power protection
- SNMP v1/v2c/v3, Trap / Inform, RMON
- DIN-Rail Mount, Wall Mount -40~75°C operating temperature
- IP 30 Protection
- 2KV surge immunity on RJ45 Copper port
- 1.5KV Hipot
- Rugged Fanless Design
- Fault Alarm Notification (Power, Ports)
- Support IPV4/V6

■ IS-DG208/210 Series



Key Feature

- 8 / 6 Giga Copper ports with 0 / 2 100/1000 SFP ports (DG208 series)
- 8 Giga Copper ports with 2 100/1000 SFP ports (DG210 series)
- Support 9K Jumbo frames
- IEEE 802.3x flow control & back-pressure
- Layer 2 Line-Speed Switching Fabric, non-blocking
- Fan-Less design with wide-temperature range (-40~75°C)
- Redundant power input 12~58 VDC
- Reverse power protection
- Support Din-Rail or wall mount installation
- IP 30 Protection
- Compact size Design

■ IS-DG216 Series



Key Feature

- Provide 16 Giga Copper ports
- Layer 2 Line-Speed Switching Fabric, non-blocking
- Fan-Less design
- Redundant power input 12~58VDC
- Support Din-Rail Mount Installation
- IP 30 Protection
- -40~75 °C operating temperature



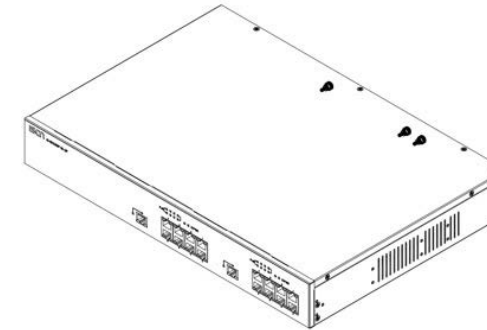
■ IS-RH709 Series



Key Feature

- | | |
|---|--|
| <ul style="list-style-type: none"> • IS-RH709, 8x 10/100Mb Copper ports plus 1x 10/100/1000Mb Base Copper ports • IS-RH709-2F, 7x 10/100Mb Copper ports plus 1x 100Mb Base SFP ports plus 1x 1000Mb Base SFP ports • IS-RH709-3F, 6x 10/100Mb Copper ports plus 2x 100Mb Base SFP ports plus 1x 1000Mb Base SFP ports • Layer 2 Line-Speed Switching Fabric, non-blocking • Network redundancy LACP, Spanning Tree Protocol, STP, RSTP • Port-based VLAN, IEEE 802.1Q Tag-based VLAN • SNMP v1/v2c, Trap | <ul style="list-style-type: none"> • Power Input 100/240 VAC, 50Hz ~ 60Hz • 0~60 °C operating temperature • Loop Protection • IP 30 Protection • 2KV surge immunity on RJ45 Copper port • 1.5KV Hi-pot • Rugged Fan-less Design • Relay Output (1A, 24V, Normal Close) • 19" Rack-Mount, 19"/2 Rack Couple-Mount(Optional), 1/2U 19" Rack Couple-Mount(Optional), 19" Rack Quadruple-Mount(Optional), Wall Mount(Optional) Installation |
|---|--|

■ IS-RH318P Series



Key Feature

- Provide 16 10/100Mbps Copper ports plus 2 Gigabit Copper ports or 2 Gigabit SFP Slots
- Support up to 16 PoE ports, IEEE 802.3af/at PoE, 15.4/30 Watts output, Full Load
- Layer 2 Line-Speed Switching Fabric, non-blocking
- AC Power Input 100/240 VAC, 50Hz ~60Hz
- 10KV Lightning Protection (Power Module)
- Rack Mount, Wall Mount installation
- -40~75°C operating temperature
- IP 30 Protection
- Rugged Fan less Design
- 2KV Surge immunity on RJ45 ports
- 1.5KV Hipot for port isolation



■ IS-RG628P Series



Key Feature

- 8 / 6 Giga Copper ports with 0 / 2 100/1000 SFP ports
- 8 Giga Copper ports with 2 100/1000 SFP ports
- Support 9K Jumbo frames
- IEEE 802.3x flow control & back-pressure
- Layer 2 Line-Speed Switching Fabric, non-blocking
- Fan-Less design with wide-temperature range (-40~75oC)
- Redundant power input 12~58 VDC
- Reverse power protection
- Support Din-Rail or wall mount installation IP 30 Protection
- Compact size Design

■ IS-DF406/409 Series



Key Feature

- 6/4 10/100Mb Copper ports plus 0/2 100Mb Based SFP ports (IS-DF406)
- 9/7/6 10/100Mb Copper ports plus 0/2/3 100Mb Base SFP ports (IS-DF409)
- Layer 2 Line-Speed Switching Fabric, non-blocking Network redundancy LACP, Spanning Tree Protocol, STP, RSTP
- Port-based VLAN, IEEE 802.1Q Tag-based VLAN
- Redundant Power Input (12~58 VDC) & Reverse power protection
- SNMP v1/v2c, Trap
- Din-Rail Mount, Wall Mount Installation
- -40~75°C operating temperature
- Loop Protection
- IP 30 Protection
- 2KV surge immunity on RJ45 Copper port
- 1.5KV Hi-pot
- Rugged Fan-less Design
- Fault Alarm Notification (Power, Ports)

■ IS-DF406P/409P Series



Key Feature

- 6/4 10/100Mb Copper ports plus 0/2 100Mb Based SFP ports (IS-DF406P)
- 9/7/6 10/100Mb Copper ports plus 0/2/3 100Mb Based SFP ports (IS-DF409P)
- Support up to 4 PoE ports, IEEE 802.3af/at PoE, 15.4/30 Watts output, Full Load
- Layer 2 Line-Speed Switching Fabric, non-blocking
- Network redundancy LACP, Spanning Tree Protocol, STP, RSTP
- Port-based VLAN, IEEE 802.1Q Tag-based VLAN
- Redundant Power Input (12~58 VDC) & Reverse power protection
- SNMP v1/v2c, Trap
- Din-Rail Mount, Wall Mount Installation
- -40~75°C operating temperature
- Loop Protection
- IP 30 Protection
- 2KV surge immunity on RJ45 Copper port
- 1.5KV Hi-pot
- Rugged Fan-less Design
- Fault Alarm Notification (Power, Ports)

10~200Mbps Point-to-Point Radio

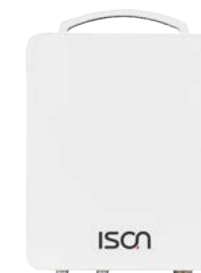


IS-LR510C

10Mbps, Outdoor Radio, supporting multi frequency bands at 5.x GHz, factory default 5.8 GHz FCC/IC. Connectorized antenna

IS-LR550I

50Mbps Outdoor Radio, supporting multi frequency bands at 5.x GHz, factory default 5.8 GHz FCC/IC. High capacity, Integrated, 17dBi antenna



IS-LR510C

50Mbps Outdoor Radio, supporting multi frequency bands at 5.x GHz, factory default 5.8 GHz FCC/IC. High capacity, Integrated, 23dBi antenna

Key Feature

- **Reliability** Wireless Backbone
- Up to **200Mbps** Throughput (IS-LRH550 Only)
- **IP-Based** with STP Support
- Up to **40Km** Long-Distance P to P transmission



Tiny Modbus/TCP to RTU/ASCII Gateway

■ IS-MS3180



- Supports Modbus TCP/UDP master and slave
- Supports Modbus RTU/ASCII master and slave
- Supports UDP responder for device discovery (UDP Search)
- Static IP or DHCP network configuration
- Tiny Web server for configuration (HTTP)
- 10/100 Base-TX Ethernet, RJ-45 x 1 (Auto-negotiating, auto MDI/MDIX, LED Indicators)
- Includes redundant power inputs: PoE (IEEE 802.3af, Class 1) and DC jack
- Allows automatic RS-485 direction control
- 3000 VDC Isolation and +/-4 kV ESD protection for i versions
- Terminal block connector for easy wiring

Tiny Serial-to-Ethernet Device Servers

■ IS-DS5150



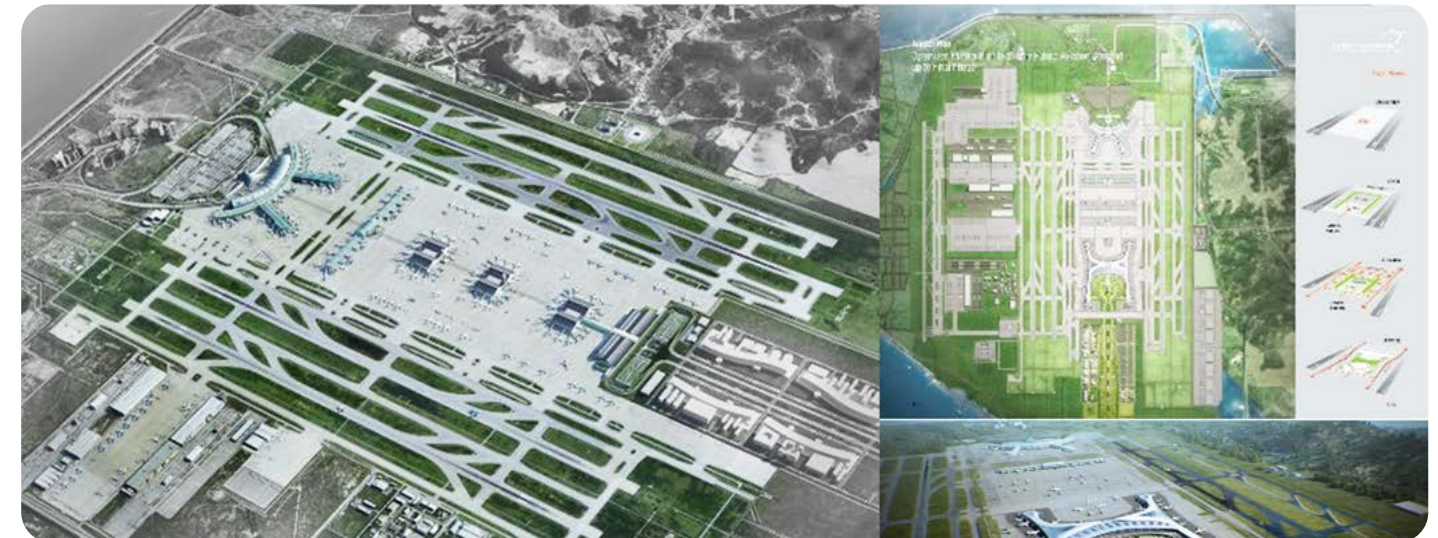
- Incorporates any RS-232/422/485 serial device in Ethernet
- Data transmission via Virtual COM or raw TCP connection
- Supports pair-connection (serial-bridge, serial-tunnel) applications
- Supports TCP client-mode and TCP server-mode operations
- Supports UDP responder for device discovery (UDP Search)
- Static IP or DHCP network configuration
- Tiny Web server for configuration (HTTP)
- 10/100 Base-TX Ethernet, RJ-45 x 1 (Auto-negotiating, auto MDI/MDIX, LED Indicators)
- Includes redundant power inputs: PoE (IEEE 802.3af, Class 1) and DC jack
- Allows automatic RS-485 direction control
- 3000 VDC Isolation and +/-4 kV ESD protection

■ IS-SC202



- Support full-duplex transmission for RS-232/RS-422/RS-485
- Auto switching baud rate up to 921.6 kbps
- Wide range power input, 12V-55VDC
- Dual DC input, terminal block and DC Jack socket
- -20°C to 75°C operating temperature
- Rugged design

Reference Story



International Airport T2 BA/vIP Surveillance

Project Name	Korea International Airport Terminal 2 BA/CCTV project
Models	IS-RG528-4F-2A x 80, DG308-2F x 10, DG308 x 27, IS-DF103 x 9
Country / SI	Korea / Local SI
Special Requirement	Wide-temperature, Single-mode fiber, 6~8 Port PoE full load output

Key Products



IS-RG528-4F-2A

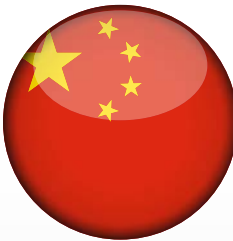


IS-DG308/308-2F



IS-DF103-S





Campus Feeder Automation Network system(China)



Project Name	Campus, Low Voltage Feeder Automation System
Models	IS-RG528-4F-A x1, IS-DG510-2F x 54, TSFPLGX10-T x 108
Country / SI	China / Local SI
Special Requirement	Managed switch, Redundant Ring / Chain operation



Key Products



IS-RG528-4F-2A



IS-DG510-2F



Radio Tower/CCTV for ITS



Project Name	Data radio transmission CCTV(ITS)
Models	IS-DG512P-4F-8 x 32,IS-LR510I-23 x 16
Country / SI	Local SI / UAE
Special Requirement	Layer2 Switch, PoE Switch ,Long range Radio



Key Products



IS-DG512P



IS-LR510I-23



ISON Office

10F.-5, No. 888, Jingguo Rd., Taoyuan Dist., Taoyuan
City 330, Taiwan (R.O.C.)

Phone: +886-3-3165158

Fax: +886-3-3165628

Contact: sales@ison-tech.com