



RP-ISG602F

6-P Gigabit +2-SFP(100/1G) slot slim type Industrial Switch

RP-ISG602F provides 8 Gigabit Ethernet ports which is designed for supporting standard industrial applications without complex setup to make the network truly plug-and-play, it can be used in connecting several Ethernet devices like Ethernet I/O, IP-Camera or other Ethernet switches. In addition, it provides wide power input voltage range +12 ~ + 56Vdc for application flexibility which secures equipment against unregulated voltage and makes systems safer and more reliable.

With the 8 10/100/1000Mbps Gigabit Ethernet ports RP-ISG602F provides non-blocking switch fabric and wire-speed throughput as high as 16Gbps, RP-ISG602F performs wire-speed packets transfer without risks of packet loss.

The protection of compact IP-30 standard metal case allows for either DIN rail or wall mounting for efficient use of cabinet space.

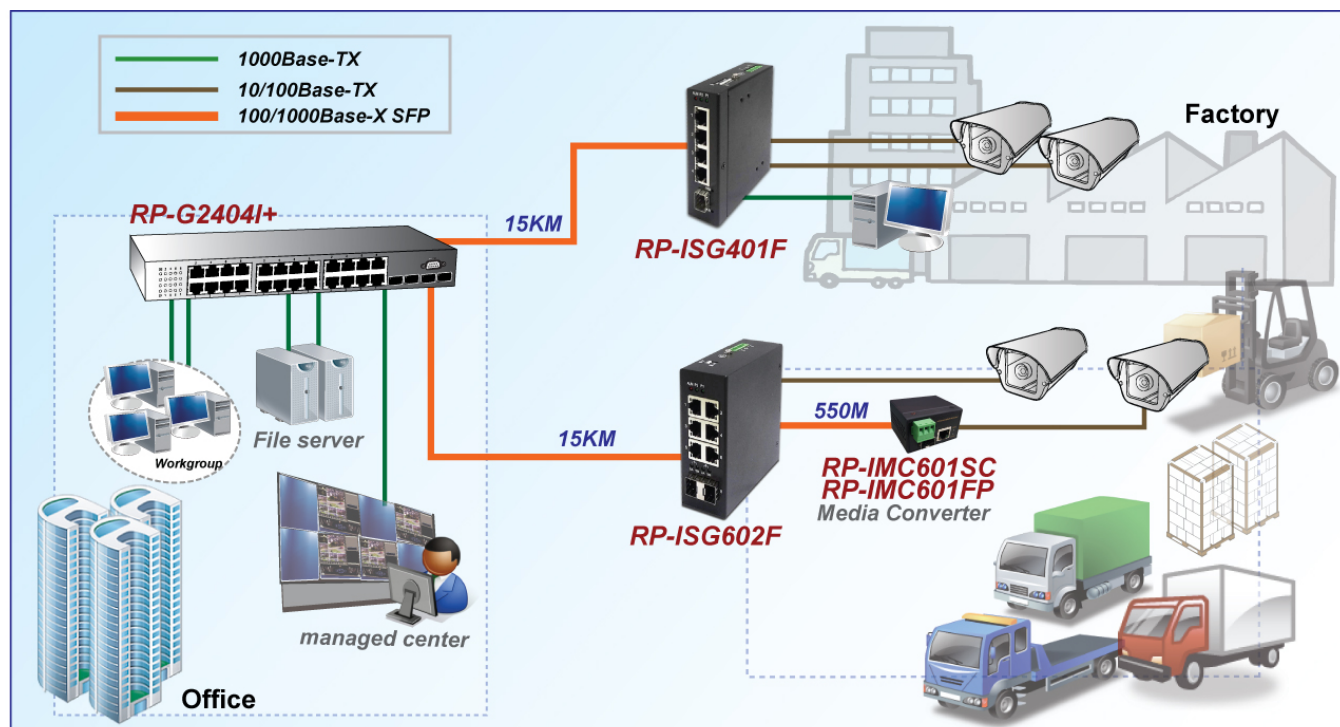
Features

- RJ-45 port support Auto MDI/MDI-X Function
- Store-and-Forward Switching Architecture
- Back-plane (Switching Fabric): 10Gbps
- IEEE 802.3x flow control & back-pressure
- 9K Jumbo frames
- 8K MAC forwarding addresses
- L2 wire-speed switching engine
- Queues per port: 4
- Support 802.1p & TOS/DS QoS
- Support Multicast/Broadcast/Flooding Storm Control
- Wide-range Redundant Power design 12~56 VDC, removable terminal block for two power input
- Reverse power protection
- Hardware DIP-switch to enable/disable warning function
- IP-30 metal case protection
- DIN rail and wall mount design

Specifications

Standards	<ul style="list-style-type: none">• IEEE 802.3 10Base-T Ethernet• IEEE 802.3u 100Base-TX Fast Ethernet• IEEE 802.3ab 1000Base-T Gigabit Ethernet• IEEE 802.3z 1000Base-X Gigabit Ethernet• IEEE802.3x Flow Control and Back Pressure
Switch Architecture	<ul style="list-style-type: none">• Back-plane (Switching Fabric): 16Gbps
Transfer Rate	<ul style="list-style-type: none">• 14,880pps for Ethernet port• 148,800pps for Fast Ethernet port• 1,488,000pps for Gigabit Fiber Ethernet port
Data Processing	<ul style="list-style-type: none">• Store and Forward
Flow Control	<ul style="list-style-type: none">• IEEE 802.3x Flow Control and Back Pressure
Jumbo Frame	<ul style="list-style-type: none">• 9K Bytes
MAC Table Size	<ul style="list-style-type: none">• 8K
Network Connector	<ul style="list-style-type: none">• RJ-45 Port: 10/100/1000BaseT(X) auto negotiation, Auto MDI/MDI-X function, Full/Half duplex• SFP Port: 100/1000BaseSFP slot (RP-ISG401F)
Network Cable	<ul style="list-style-type: none">• UTP/STP above Cat.5e Cable, EIA/TIA-568 100-ohm (100m)
Protocol	<ul style="list-style-type: none">• CSMA/CD
Flow control	<ul style="list-style-type: none">• IEEE 802.3x (Full Duplex) and Back-Pressure (Half Duplex)
QoS	<ul style="list-style-type: none">• IEEE 802.1p
Number of queues	<ul style="list-style-type: none">• 4
Traffic Shaper	<ul style="list-style-type: none">• Port-based Port shaping
Storm Control	<ul style="list-style-type: none">• Multicast/Broadcast/Flooding Storm Control per system basis enable/disable
LED indicators	<ul style="list-style-type: none">• Power, Alarm (on system), Link&Speed (on RJ45)
Power Consumption	<ul style="list-style-type: none">• 8.5W@48VDC full load
Power Supply	<ul style="list-style-type: none">• Redundant Input Terminals 12-56 VDC
Operating Temperature	<ul style="list-style-type: none">• -40 to +75°C (cold startup at -40°C)
Storage Temperature	<ul style="list-style-type: none">• -40 to +85 °C
Operating Humidity	<ul style="list-style-type: none">• 5% to 95% (Non-condensing)
Case	<ul style="list-style-type: none">• Rugged Metal, IP30 Protection
Dimension	<ul style="list-style-type: none">• 117.82(H) x39(W) x 96.9(D) (without DIN rail clip)
Installation mounting	<ul style="list-style-type: none">• DIN Rail mounting and Wall Mounting
Certification	<ul style="list-style-type: none">• CE/FCC
EMI	<ul style="list-style-type: none">• FCC Part 15, CISPR 22 (EN55022) Class A IEC61000-4-2, -3, -4, -5, -6 (Level 3)

Application



Ordering information

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