



jwipc

CREATING A SMARTER WORLD



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Your Best Industrial Networking Companion

Revolutionize Connectivity

Industrial Networking Selection Guide



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▪ About JWIPC

Empowering customers, creating a smarter future.

JWIPC is a national high-tech enterprise and a national “Specialized, Refined, Unique, and New” (SRUN) company. With a focus on intelligent hardware solutions, We are dedicated to advancing the IIoT ecosystem and enhancing digitalization. The company have core strengths in product development, flexible manufacturing, and digitalized information management.

“

YOUR BEST

INDUSTRIAL NETWORKING COMPANION ”

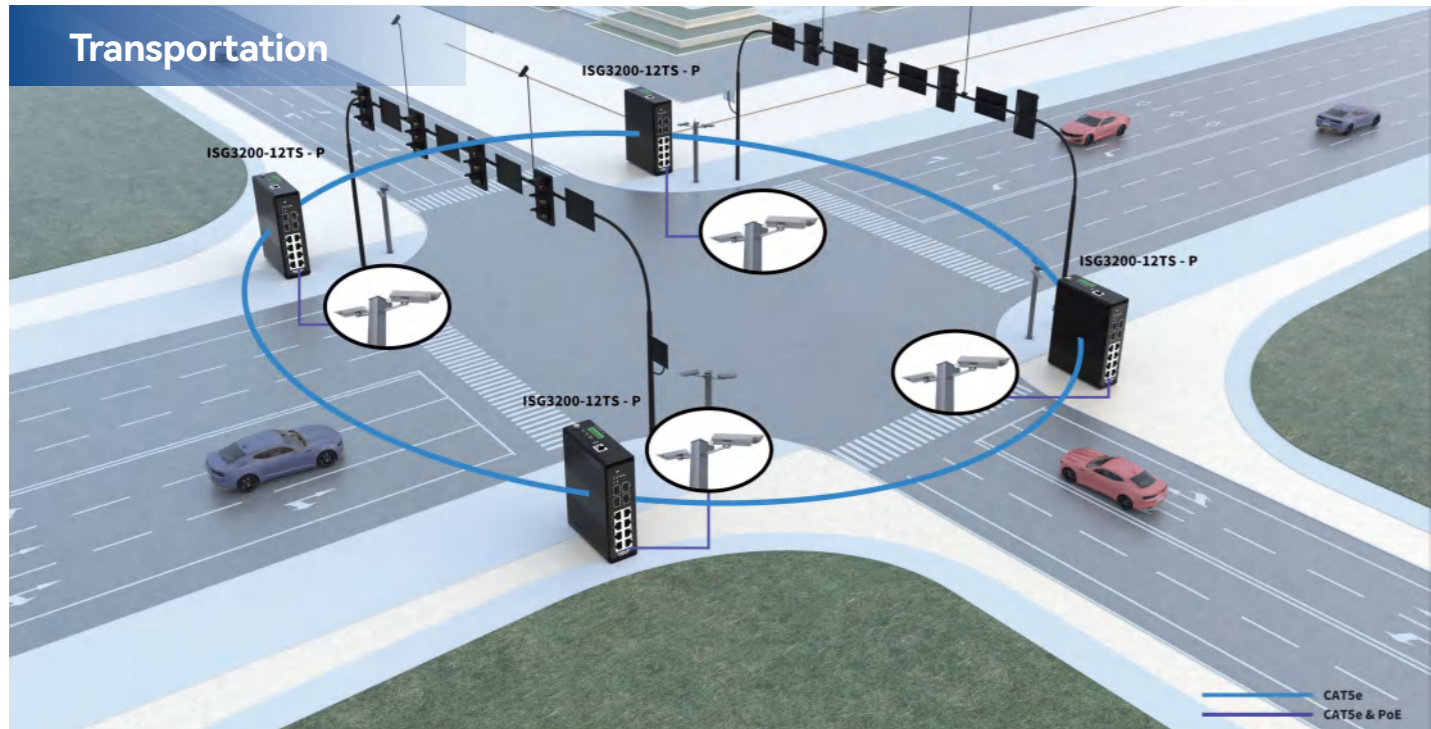
12years
Established

1600+
No. of Employees

20+
Businesses

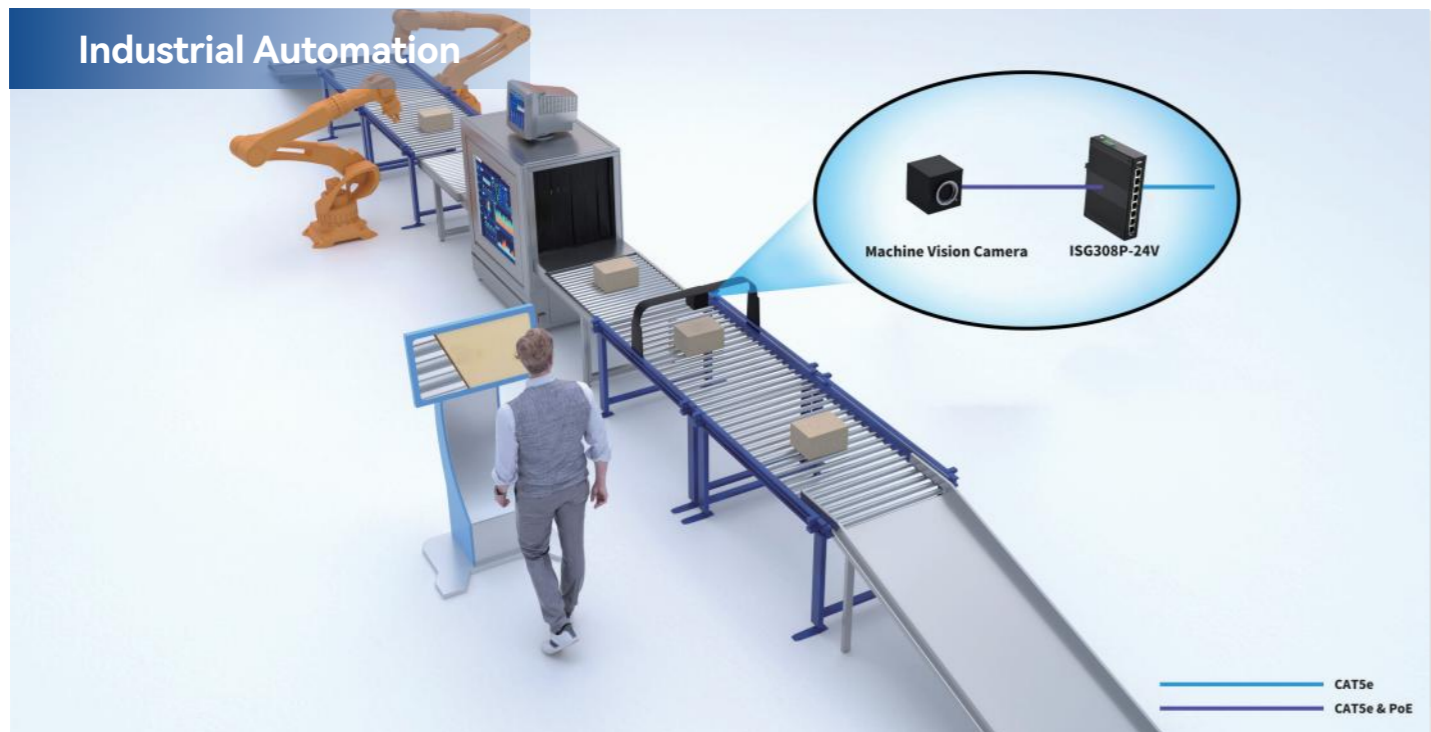
001339.sz
Stock Symbol

Applications



ISG3200-12TS-P

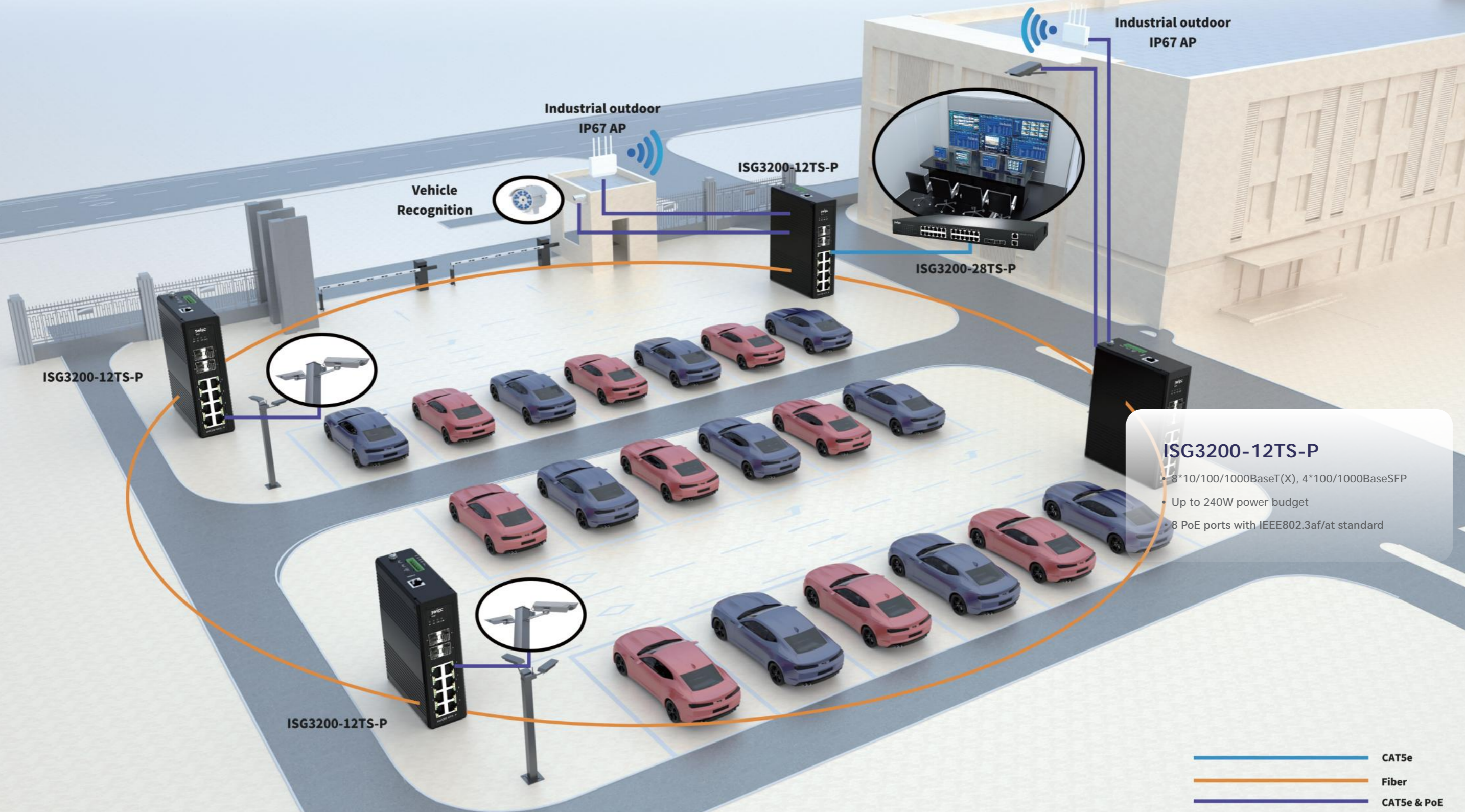
- 8*10/100/1000BaseT(X), 4*100/1000BaseSFP
- 46~57VDC redundant dual power inputs
- Up To 240W power budget
- -40 To 75 °C operating temperature range
- 8 PoE ports with IEEE802.3af/at standard
- Supports Eaps, Erpsv2, Stp/rstp and Mstp



ISG308P-24V

- 8-port Full Gigabit Ethernet Switch
- 8 PoE ports With IEEE802.3af/at standard
- Up to 120W power budget
- 24VDC Power Booster redundant dual power inputs
- IP40 rated metal housing
- -40 To 75°C operating temperature range

Parking Lot



ISG3200-12TS-P

- 8*10/100/1000BaseT(X), 4*100/1000BaseSFP
- Up to 240W power budget
- 8 PoE ports with IEEE802.3af/at standard



Industrial Networking Switch



● Supported



Unmanaged Media Converter	ISF102TF	ISF102TF-P	ISG302TS-HPW
Interface			
Total ports number	2	2	2
10/100TX Ports	1	1	-
10/100/1000TX Ports	-	-	1
100Base SFP Ports	1	1	-
100/1000Base SFP Ports	-	-	1
Input range	12~48VDC Redundant dual power inputs	46~57VDC Redundant dual power inputs	46~57VDC Redundant dual power inputs
Connection	1 removable 4-contact terminal block(s)	1 removable 4-contact terminal block(s)	1 removable 4-contact terminal block(s)
Overload Current Protection	●	●	●
Reverse Polarity Protection	●	●	●
Port LED	Green: link/active	Green: link/active; Yellow: PoE	Green: link/active; Yellow: PoE
Power Over Ethernet			
PoE Ports	-	1	1
PoE Mode	-	IEEE802.3af/at	IEEE802.3af/bt
Power budget	-	30W	90W
Performance			
Switching capacity	400Mbps	400Mbps	4Gbps
Auto-negotiation	●	●	●
Auto-MDI/MDIX	●	●	●
HW/ME			
Dimension(W x D x H) mm	120*85*34	120*85*34	120*85*34
Mounting	Din Rail	Din Rail	Din Rail
IP Rating	IP40	IP40	IP40
Operating Temperature -40 to 75°C (-40 to 167°F)	●	●	●
Storage Temperature -40 to 85°C (-40 to 185°F)	●	●	●
Ambient Relative Humidity 5 to 95% (non-condensing)	●	●	●
Standards and Certification			
EMC: EN 55032/24 EMI: CE, CISPR 32, FCC Part 15B Class A	●	●	●
EMS: IEC 61000-4-2 ESD: 6 kV/ 8 kV; IEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/m; IEC 61000-4-4 EFT: Power: 2 kV; Signal: 1 kV; IEC 61000-4-5 Surge: Power: 2 kV; Signal: 2 kV; IEC 61000-4-6 CS: 10 V IEC 61000-4-8 PFMF	●	●	●
Freefall: IEC 60068-2-31	●	●	●
Safety: EN 60950-1, EN 60950-1 (LVD)	●	●	●
Shock: IEC 60068-2-27	●	●	●
Vibration: IEC 60068-2-6	●	●	●



Unmanaged Industrial Ethernet Switches	ISF105	ISF105P	ISF108	ISF108P	ISG305	ISG305P
Interface						
Total ports number	5	5	8	8	5	5
10/100TX Ports	5	5	8	8	-	-
10/100/1000TX Ports	-	-	-	-	5	5
100Base SFP Ports	-	-	-	-	-	-
Input range	12~48VDC Redundant dual power inputs	46~57VDC Redundant dual power inputs	12~48VDC Redundant dual power inputs	46~57VDC Redundant dual power inputs	12~48VDC Redundant dual power inputs	46~57VDC Redundant dual power inputs
Connection: 1 removable 4-contact terminal block(s)	●	●	●	●	●	●
Overload Current Protection	●	●	●	●	●	●
Reverse Polarity Protection	●	●	●	●	●	●
Port LED	Green: link/active	Green: link/active; Yellow: PoE	Green: link/active	Green: link/active; Yellow: PoE	Green: link/active	Green: link/active; Yellow: PoE
Power Over Ethernet						
PoE Ports	-	4	-	8	-	4
PoE Mode	-	IEEE802.3af/at	-	IEEE802.3af/at	-	IEEE802.3af/at
Power budget	-	60W	-	120W	-	60W
Performance						
Switching capacity	1Gbps	1Gbps	1.6Gbps	1.6Gbps	10Gbps	10Gbps
Auto-negotiation	●	●	●	●	●	●
Auto-MDI/MDIX	●	●	●	●	●	●
HW/ME						
Dimension(W x D x H) mm	136*109*30	136*109*30	158*118*30	158*118*35	136*109*30	136*109*35
Mounting	Din Rail	Din Rail	Din Rail	Din Rail	Din Rail	Din Rail
Housing protection(IP)	IP40	IP40	IP40	IP40	IP40	IP40
Operating Temperature -40 to 75°C (-40 to 167°F)	●	●	●	●	●	●
Storage Temperature -40 to 85°C (-40 to 185°F)	●	●	●	●	●	●
Ambient Relative Humidity 5 to 95% (non-condensing)	●	●	●	●	●	●
Standards and Certification						
EMC: EN 55032/24	●	●	●	●	●	●
EMI: CE, CISPR 32, FCC Part 15B Class A	●	●	●	●	●	●
EMS: IEC 61000-4-2 ESD: Contact: 6 kV; Air: 8 kV; IEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/m; IEC 61000-4-4 EFT: Power: 2 kV; Signal: 1 kV; IEC 61000-4-5 Surge: Power: 2 kV; Signal: 2 kV; IEC 61000-4-6 CS: 10 V; IEC 61000-4-8 PFMF	●	●	●	●	●	●
Safety: EN 60950-1, EN 60950-1 (LVD)	●	●	●	●	●	●
Shock: IEC 60068-2-27	●	●	●	●	●	●
Vibration: IEC 60068-2-6	●	●	●	●	●	●
Freefall: IEC 60068-2-31	●	●	●	●	●	●



Unmanaged Industrial Ethernet Switches	ISG308	ISG308P	ISF105TF-P	ISF106TF-P	ISF108P-24V	ISG308P-24V
Interface						
Total ports number	8	8	5	6	8	8
10/100TX Ports	-	-	4	4	8	-
10/100/1000TX Ports	8	8	-	-	-	8
100Base SFP Ports	-	-	1	2	-	-
Input range	12~48VDC Redundant dual power inputs	46~57VDC Redundant dual power inputs	46~57VDC Redundant dual power inputs	46~57VDC Redundant dual power inputs	24VDC, Power Booster Redundant dual power inputs	24VDC, Power Booster Redundant dual power inputs
Connection: 1 removable 4-contact terminal block(s)	●	●	●	●	●	●
Overload Current Protection	●	●	●	●	●	●
Reverse Polarity Protection	●	●	●	●	●	●
Port LED	Green: link/active	Green: link/active; Yellow: PoE	Green: link/active; Yellow: PoE	Green: link/active; Yellow: PoE	Green: link/active; Yellow: PoE	Green: link/active; Yellow: PoE
Power Over Ethernet						
PoE Ports	-	8	4	4	8	8
PoE Mode	-	IEEE802.3af/at	IEEE802.3af/at	IEEE802.3af/at	IEEE802.3af/at	IEEE802.3af/at
Power budget	-	120W	120W	120W	120W	120W
Performance						
Switching capacity	16Gbps	16Gbps	1Gbps	1.2Gbps	1.6Gbps	16Gbps
Auto-negotiation	●	●	●	●	●	●
Auto-MDI/MDIX	●	●	●	●	●	●
HW/ME						
Dimension(W x D x H) mm	158*118*30	158*118*35	136*109*30	158*118*35	158*118*35	158*118*35
Mounting	Din Rail	Din Rail	Din Rail	Din Rail	Din Rail	Din Rail
Housing protection(IP)	IP40	IP40	IP40	IP40	IP40	IP40
Operating Temperature -40 to 75°C (-40 to 167°F)	●	●	●	●	●	●
Storage Temperature -40 to 85°C (-40 to 185°F)	●	●	●	●	●	●
Ambient Relative Humidity 5 to 95% (non-condensing)	●	●	●	●	●	●
Standards and Certification						
EMC: EN 55032/24	●	●	●	●	●	●
EMI: CE, CISPR 32, FCC Part 15B Class A	●	●	●	●	●	●
EMS: IEC 61000-4-2 ESD: Contact: 6 kV; Air: 8 kV; IEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/m; IEC 61000-4-4 EFT: Power: 2 kV; Signal: 1 kV; IEC 61000-4-5 Surge: Power: 2 kV; Signal: 2 kV; IEC 61000-4-6 CS: 10 V; IEC 61000-4-8 PFMF	●	●	●	●	●	●
Safety: EN 60950-1, EN 60950-1 (LVD)	●	●	●	●	●	●
Shock: IEC 60068-2-27	●	●	●	●	●	●
Vibration: IEC 60068-2-6	●	●	●	●	●	●
Freefall: IEC 60068-2-31	●	●	●	●	●	●



Managed Industrial Ethernet Switches	ISG3200-10TS	ISG3200-12TS	ISG3200-12TS-P	ISG3200-12TS-P-24V	ISG3200-28TS	ISG3200-28TS-P
Interface						
Total ports number	10	12	12	12	28	28
10/100/1000TX Ports	8	8	8	8	24	24
100/1000Base SFP Ports	2	4	4	4	4	4
Console RJ45 Port	1	1	1	1	1	1
Input range	12~48VDC redundant dual power inputs	12~48VDC redundant dual power inputs	46~57VDC redundant dual power inputs	24VDC Power Booster redundant dual power inputs	12~48VDC, redundant dual power inputs or 100~240VAC power inputs	46~57VDC, redundant dual power inputs or 100~240VAC power inputs
Connection	1 removable 6-contact terminal block(s)	1 removable 6-contact terminal block(s)	1 removable 6-contact terminal block(s)	1 removable 6-contact terminal block(s)	1 removable 6-contact terminal block(s)	1 removable 6-contact terminal block(s)
Overload Current Protection	●	●	●	●	●	●
Reverse Polarity Protection	●	●	●	●	●	●
Port LED	Green: link/active	Green: link/active	Green: link/active; Yellow: PoE	Green: link/active; Yellow: PoE	Green: link/active	Green: link/active; Yellow: PoE
Power Over Ethernet						
PoE Ports	-	-	8	8	-	24
PoE Mode	-	-	IEEE 802.3af/at	IEEE 802.3af/at	-	IEEE 802.3af/at
Power budget	-	-	240W	240W	-	DC 650W power budget, AC 270W power budget
Performance						
Flash memory	32MB	32MB	32MB	32MB	32MB	32MB
DDR3 capacity	256MB	256MB	256MB	256MB	256MB	256MB
MAC address table size	8K	8K	8K	8K	8K	8K
ARP table size	1K	1K	1K	1K	1K	1K
Jumbo frames	10KB	10KB	10KB	10KB	10KB	10KB
Switching capacity	20Gbps	24Gbps	24Gbps	24Gbps	56Gbps	56Gbps
Auto-negotiation /Auto-MDI/MDIX	●	●	●	●	●	●
HW/ME						
Dimension(W x D x H) mm	136*109*35	155*118*46	155*118*46	155*118*46	442*220*43.6	442*220*43.6
Mounting	Din Rail	Din Rail	Din Rail	Din Rail	Rackmount	Rackmount
IP Rating	IP40	IP40	IP40	IP40	IP40	IP40
Operating Temperature -40 to 75°C (-40 to 167°F)	●	●	●	●	●	●
Storage Temperature -40 to 85°C (-40 to 185°F)	●	●	●	●	●	●
Ambient Relative Humidity 5 to 95% (non-condensing)	●	●	●	●	●	●
Standards and Certification						
EMC: EN 55032/24 EMI: CE, CISPR 32, FCC Part 15B Class A	●	●	●	●	●	●
EMS: IEC 61000-4-2 ESD: 6 kV/ 8 kV; IEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/m; IEC 61000-4-4 EFT: Power: 2 kV; Signal: 1 kV; IEC 61000-4-5 Surge: Power: 2 kV; Signal: 2 kV; IEC 61000-4-6 CS: 10 V	●	●	●	●	●	●
Freefall: IEC 60068-2-31	●	●	●	●	●	●
Safety: EN 60950-1, EN 60950-1 (LVD)	●	●	●	●	●	●
Shock: IEC 60068-2-27	●	●	●	●	●	●
Vibration: IEC 60068-2-6	●	●	●	●	●	●
802.1Q VLAN, Port-based VLAN, QinQ	●	●	●	●	●	●
Flow control, Rate limit, Port Mirror, MAC address limit; Storm Control	●	●	●	●	●	●
Static link aggregation, LACP; EAPS, ERPSv1, STP/RSTP and MSTP	●	●	●	●	●	●
Standard ACL; Expand ACL, VLAN ACL, IPv4/IPv6 ACL	●	●	●	●	●	●
QoS: SP, WRR, WFQ; 8 queues	●	●	●	●	●	●
IGMP v1v2v3, IGMP Snooping	●	●	●	●	●	●
DHCP client/ snooping/ server	●	●	●	●	●	●
RADIUS / TACACS+, 802.1X; Ip source-guard;	●	●	●	●	●	●
IPv6 Neighbor Discovery, IPv6 static route	●	●	●	●	●	●
CLI/ Telnet/ Web; SNMP; FTP/SFTP/FTTP client; RMON, GMRP, NDP, NTP, LLDP, ping, Traceroute, syslog	●	●	●	●	●	●