



NAUTILUS INFOTECH

Connecting the IIoT World



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-  Industrial Ethernet Switches
-  Industrial & M2M Wireless
-  Serial Connectivity
-  Media Converter


Din-Rail Switch Series (Managed)


IMS-G1204 (-T)	Industrial 8G+4G Managed Switch
	<ol style="list-style-type: none"> 8*100/1000Base-T+ 4*1000Base-X SFP Operating temperature : IMS-G1204-T: -40~75°C IMS-G1204: 0~70°C Dual power inputs for power service high reliability. Software code and configuration redundancy to keep the service running. Fast Ring recovery with 20ms. IGMP Snooping/Querier, MVR for IP multicast traffic control Marine certificate DNV 2.4, IEC-60945 compliant


IMS-F1002G-T	Industrial SFE+2G Managed Switch
	<ol style="list-style-type: none"> 8*10/100Base-T+ 2*100/1000Base-X SFP Operating temperature: IMS-F1002G-T: -40~75°C IMS-F1002G: 0~70°C 2 Multi-rate SFPs ports can migrate from 100 to 1000 seamlessly. Dual power inputs for power service high reliability. Software code and configuration redundancy to keep the service running. Fast Ring recovery with 20ms. IGMP Snooping/Querier, MVR for IP multicast traffic control


IMP-G1204 (-T)	Industrial 8G+4G Managed PoE Switch
	<ol style="list-style-type: none"> 8*100/1000Base-T+ 4*1000Base-X SFP Operating temperature : IMP-G1204-T: -40~75°C IMP-G1204: 0~70°C Support 8 port IEEE802.3at/af 30Watt PoE+ with power management Dual power inputs for power service high reliability. Intelligent PoE for powered device (PoE Scheduling, PoE Alive Heartbeat) Fast Ring recovery with 20ms. IGMP Snooping/Querier, MVR for IP multicast traffic control

IMP-G0601-F	Industrial 4G+1G+1SFP Managed PoE Switch
	<ol style="list-style-type: none"> 5*100/1000Base-T+ 1*1000Base-X SFP Operating temperature:-20~60°C Support 4 port IEEE802.3at/af 30Watt PoE+ with power management Power terminal block and power jack inputs for power redundancy. Compact size with PoE+ support for DIN Rail and wall mount installation. Intelligent PoE for powered device (PoE Scheduling, PoE Alive Heartbeat) IGMP Snooping for IP multicast traffic control.

IMP-G0602-T	Industrial 4G+2G SFP Managed PoE Switch
	<ol style="list-style-type: none"> 4*100/1000Base-T + 2*1000Base-X SFP Operating temperature:-40~75°C Support 4 port IEEE802.3at/af 30Watt PoE+ Dual power inputs for power service high reliability Dual SFP ports for high fast ring protection. Intelligent PoE features for powered device (PoE Scheduling, PoE Alive Heartbeat). IGMP Snooping for IP multicast traffic control. 802.1p, storm control and rate limitation to optimize traffic flow. Hardware diagnostic (power alarm) to monitor the status and response event by E-mail, SNMP High protection up to level 3 in IEC/EN61000-4-2,3,4,5,6,8.


IMP-G0500-F	Industrial 4G+1G Managed PoE Switch
	<ol style="list-style-type: none"> 5*100/1000Base-T Operating temperature:-20~60°C Support 4 port IEEE802.3at/af 30Watt PoE+ with power management Power terminal block & power jack inputs for power redundancy. Compact size with PoE+ support for DIN Rail and wall mount installation Intelligent PoE for powered device (PoE Scheduling, PoE Alive Heartbeat) IGMP Snooping for IP multicast traffic control.

IMP-F1002G(-T)	Industrial SFE+2G Combo Managed PoE Switch
	<ol style="list-style-type: none"> 8*10/100Base-T+ 2*100/1000 Combo ports Operating temperature: IMP-F1002G-T: -40~75°C IMP-F1002G: -10~65°C Support 8 port IEEE802.3at/af 30Watt PoE+ Dual power inputs for power service high reliance Standard G.8032 ERPS and RSTP for fast ring recovery Intelligent PoE for powered device (PoE Alive Heartbeat, PoE ports power scheduling) IGMP Snooping v1/v2 and IGMP Query for IP multicast traffic control. 802.1p, Access control list and rate limitation to optimize traffic flow. System diagnostic monitor the status and response event by E-mail, SNMP DHCP client/relay with option 82 for easy IP management

IMP-F1002G-12(-T)	Industrial SFE+2G Combo Managed PoE Switch (12V Booster)
	<ol style="list-style-type: none"> 8*10/100Base-T+ 2*100/1000 Combo ports Operating temperature: IMP-F1002G-12-T: -40~75°C IMP-F1002G-12: -10~65°C Support 8 port IEEE802.3at/af 30Watt PoE+ Support 12V/24V/36V booster PoE+ with redundant power input Standard G.8032 ERPS and RSTP for fast ring recovery Intelligent PoE for powered device (PoE Alive Heartbeat, PoE ports power scheduling) IGMP Snooping v1/v2 and IGMP Query for IP multicast traffic control. 802.1p, Access control list and rate limitation to optimize traffic flow. System diagnostic monitor the status and response event by E-mail, SNMP DHCP client/relay with option 82 for easy IP management

EN50155 Switch Series (Unmanaged)


INS-F0500-M12 (-T)	Industrial 5FE M12 Un-Managed Switch
	<ol style="list-style-type: none"> 5*10/100Base-T M12 ports Operating temperature: INS-F0500-M12-T: -40~75°C INS-F0500-M12: -10~60°C Wide range power inputs from 12~48V DC for various power source environment. Support M12 type of connectors in Ethernet ports and power port. Embedded reverse polarity and overload current protection circuits. Design to comply EN50155 and EN50121-4 certification. High level EMS protections up to level 3 in EN61000-4-2,3,4,5,6. IP67 grade housing protection design.


INS-F0800-M12 (-T)	Industrial 8FE M12 Un-Managed Switch
	<ol style="list-style-type: none"> 8*10/100Base-T M12 ports Operating temperature: INS-F0800-M12-T: -40~75°C INS-F0800-M12: -10~60°C Wide range power inputs from 12~48V DC with dual power inputs for power service high reliability. Support M12 type of connectors in Ethernet ports and power port. Embedded reverse polarity and overload current protection circuits. Design to comply EN50155 and EN50121-4 certification. High level EMS protections up to level 3 in EN61000-4-2,3,4,5,6. IP67 grade housing protection design Support Auto-bypass feature when power is off


Din-Rail Switch Series (Unmanaged)


INS-G0800 (-T)	Industrial 8G Unmanaged Switch		<ol style="list-style-type: none"> 8*100/1000Base-T Operating temperature: INS-G0800-T: -40~75°C INS-G0800: 0~70°C Support Two QoS ports to connect high priority devices Wide range redundant power input 12/24/48 VDC Dual power inputs for power service high reliability. Reverse polarity protection and overload current protection supported
INS-G0500-F (T)	Industrial 5G Unmanaged Switch		<ol style="list-style-type: none"> 5*100/1000Base-T Operating temperature: INS-G0500-FT: -40~75°C INS-G0500-F: 0~70°C Wide range power input 9~48 VDC Reverse polarity protection and overload current protection supported High 8KV ESD and 6KV surge protection to have excellent reliability Slim size for space limitation environment. Marine certificate DNV 2.4, IEC-60945 compliant
INS-F1002 (-T)	Industrial 8FE+2FE SFP Unmanaged Switch		<ol style="list-style-type: none"> 8*10/100Base-T + 2*100Base-FX SFP Operating temperature: INS-F1002-T: -40~75°C INS-F1002: 0~70°C Wide range redundant power input 9~48 VDC Dual power inputs for power service high reliability Reverse polarity protection and overload current protection supported High 8KV ESD to have excellent reliability
INS-F0500-F (T)	Industrial 5FE Unmanaged Switch		<ol style="list-style-type: none"> 5*10/100Base-T Operating temperature: INS-F0500-FT: -40~75°C INS-F0500-F: 0~70°C Wide range power input 18~30 VDC High 8KV ESD and 6KV surge protection to have excellent reliability Support 9K Jumbo frame. Slim size for space limitation environment. Marine certificate DNV 2.4, IEC-60945 compliant
INS-F0800-F (T)	Industrial 8FE Unmanaged Switch		<ol style="list-style-type: none"> 8*10/100Base-T Operating temperature: INS-F0800-FT: -40~75°C INS-F0800-F: 0~70°C Wide range power input 18~30 VDC Reverse polarity protection supported Front port access with slim size suitable for space limitation environment and easily monitor the ports status.
INS-F0602MC2 (-T)	Industrial 4FE+2FE MM./SC/2km Unmanaged Switch		<ol style="list-style-type: none"> 4*10/100Base-T + 2*100Base-FX (MM. 2km/SC) Operating temperature: INS-F0602MC2-T: -40~75°C INS-F0602MC2: -10~60°C Wide range power inputs from 12~48V DC with dual power inputs for power service high reliability. Through DIP switch to enable/disable Broadcast storm protection Easy to set up the alarm configuration by DIP switch Complied EN50121-4 certification
INS-F0602MT2 (-T)	Industrial 4FE+2FE MM./ST/2km Unmanaged Switch		<ol style="list-style-type: none"> 4*10/100Base-T + 2*100Base-FX (MM. 2km/ST) Operating temperature: INS-F0602MT2-T: -40~75°C INS-F0602MT2: -10~60°C Wide range power inputs from 12~48V DC with dual power inputs for power service high reliability. Through DIP switch to enable/disable Broadcast storm protection Easy to set up the alarm configuration by DIP switch Complied EN50121-4 certification
INS-F0602SC30 (-T)	Industrial 4FE+2FE SM./SC/30km Unmanaged Switch		<ol style="list-style-type: none"> 4*10/100Base-T + 2*100Base-FX (SM. 30km/SC) Operating temperature: INS-F0602SC30-T: -40~75°C INS-F0602SC30: -10~60°C Wide range power inputs from 12~48V DC with dual power inputs for power service high reliability. Through DIP switch to enable/disable Broadcast storm protection Easy to set up the alarm configuration by DIP switch Complied EN50121-4 certification
INS-F0602ST30 (-T)	Industrial 4FE+2FE SM./ST/30km Unmanaged Switch		<ol style="list-style-type: none"> 4*10/100Base-T + 2*100Base-FX (SM. 30km/ST) Operating temperature: INS-F0602ST30-T: -40~75°C INS-F0602ST30: -10~60°C Wide range power inputs from 12~48V DC with dual power inputs for power service high reliability. Through DIP switch to enable/disable Broadcast storm protection Easy to set up the alarm configuration by DIP switch Complied EN50121-4 certification
INP-G0500-F	Industrial 5G Unmanaged PoE Switch		<ol style="list-style-type: none"> 5*100/1000Base-T Operating temperature: -20~60°C Support 4 port IEEE802.3at/af 30Watt PoE+ Power terminal block with dual power inputs and power jack inputs to support completed power redundancy. Slim size with PoE+ support for DIN Rail and wall mount installation. Reverse polarity protection and overload current protection supported High 8KV ESD and 6KV surge protection to have excellent reliability
INP-G0500-T	Industrial 4G+1G SFP Unmanaged PoE Switch		<ol style="list-style-type: none"> 5*100/1000Base-T Operating temperature: -40~75°C Support 4 port IEEE802.3at/af 30Watt PoE+ Dual power inputs for high redundancy Support 9KB jumbo frames. IEC-61000-4-2,-3,-4,-5,-6 protection. IP30 housing mechanical protection.
INP-G0500-12(-T)	Industrial 4G+1G SFP Unmanaged PoE Switch (12V Booster)		<ol style="list-style-type: none"> 5*100/1000Base-T Operating temperature: INP-G0500-12-T: -40~75°C INP-G0500-12-T: -10~65°C Support 4 port IEEE802.3at/af 30Watt PoE+ Dual power inputs for high redundancy 12~36V booster function with dual power inputs for PoE 48V Support 9KB jumbo frames. IEC-61000-4-2,-3,-4,-5,-6 protection. IP30 housing mechanical protection.
INP-G0601-F	Industrial 5G +1G SFP Unmanaged PoE Switch		<ol style="list-style-type: none"> 5*100/1000Base-T + 1*1000Base-X SFP Operating temperature: -20~60°C Support 4 port IEEE802.3at/af 30Watt PoE+ Power terminal block with dual power inputs and power jack inputs to support completed power redundancy. Slim size with PoE+ support for DIN Rail and wall mount installation. Reverse polarity protection and overload current protection supported High 8KV ESD and 6KV surge protection to have excellent reliability
INP-G0602-T	Industrial 4G+ 2G DSFP Unmanaged PoE Switch		<ol style="list-style-type: none"> 4*100/1000Base-T+2*100/1000Base-X SFP Operating temperature: -40~75°C Support 4 port IEEE802.3at/af 30Watt PoE+ Two SFP ports to deploy the cascade networking with long distance. Power terminal block with dual power inputs and one power jack to support complete power redundancy. Support dual speed 100M/1000M SFP Reverse polarity protection and overload current protection supported Design to comply EN50121-4, EN50121-3-2 Support one Alarm relay contact


Din-Rail Switch Series (Unmanaged)


INP-G0602-12-T	Industrial 4G+ 2G DSFP Unmanaged PoE Switch (12V Booster)
	<ol style="list-style-type: none"> 4*100/1000Base-T+2*100/1000Base-X SFP Operating temperature: -40~75°C Support 4 port IEEE802.3at/af 30Watt PoE+ Support 12/24/48VDC power inputs to boost 48VDC PoE. Two SFP ports to deploy the cascade networking with long distance. Power terminal block with dual power inputs and one power jack to support complete power redundancy. Support dual speed 100M/1000M SFP Reverse polarity protection and overload current protection supported Design to comply EN50121-4, EN50121-3-2 Support one Alarm relay contact


INP-G0800A-T	Industrial 7G+ 1G Unmanaged PoE Switch
	<ol style="list-style-type: none"> 8*100/1000Base-T Operating temperature: -20~70°C Support 8 port IEEE802.3at/af 30Watt PoE+ with max. 200Watt Power terminal block with dual power inputs to support complete power redundancy. Reverse polarity protection and overload current protection supported Support one Alarm relay contact Support 9KB Jumbo Frame


INP-G0800(-T)	Industrial 8G Unmanaged PoE Switch
	<ol style="list-style-type: none"> 8*100/1000Base-T Operating temperature: INP-G0800-T: -40~75°C INP-G0800: -10~60°C Support 8 port IEEE802.3at/af 30Watt PoE+ Dual power inputs for high redundancy Support 9KB jumbo frames. IEC-61000-4-2,-3,-4,-5,-6 protection. IP30 housing mechanical protection.


INP-G0800-12(-T)	Industrial 8G Unmanaged PoE Switch (12V Booster)
	<ol style="list-style-type: none"> 8*100/1000Base-T Operating temperature: INP-G0800-12-T: -40~75°C INP-G0800-12: -10~60°C Support 8 port IEEE802.3at/af 30Watt PoE+ Dual power inputs for high redundancy 12~36V booster function with dual power inputs for PoE 48V. (INP-G0800-12/INP-G0800-12-T) Support 9KB jumbo frames. IEC-61000-4-2,-3,-4,-5,-6 protection. IP30 housing mechanical protection.


INP-G1002(-T)	Industrial 8G+2G DSFP Unmanaged PoE Switch
	<ol style="list-style-type: none"> 8*100/1000Base-T+ 2*100/1000Base-X SFP ports Operating temperature: INP-G1002-T: -40~75°C INP-G1002: -10~65°C Support 8 port IEEE802.3at/af 30Watt PoE+ Design to support IEC-61000-4-2,-3,-4,-5,-6 protection Reverse polarity protection and overload current protection supported IP30 housing mechanical protection. Dual speed SFP port to provide flexible SFP transceiver connection. Fan-less PoE hardware design to have high reliability. Support one Alarm relay output for power down warning


INP-G1002-12(-T)	Industrial 8G+2G DSFP Unmanaged PoE Switch (12V Booster)
	<ol style="list-style-type: none"> 8*100/1000Base-T+ 2*100/1000Base-X SFP ports Operating temperature: INP-G1002-12-T: -40~75°C INP-G1002-12: -10~65°C Support 8 port IEEE802.3at/af 30Watt PoE+ Support 12V/24V/36V booster PoE+ with redundant power input Design to support IEC-61000-4-2,-3,-4,-5,-6 protection Reverse polarity protection and overload current protection supported IP30 housing mechanical protection. Dual speed SFP port to provide flexible SFP transceiver connection. Fan-less PoE hardware design to have high reliability. Support one Alarm relay output for power down warning

INP-F0500-T	Industrial 4FE+ 1FE Unmanaged PoE Switch
	<ol style="list-style-type: none"> 4*10/100Base-T+ 1*100Base-T Operating temperature: -40~75°C Support 4 port IEEE802.3at/af 30Watt PoE+ Power terminal block with dual power inputs to support complete power redundancy. Slim size with PoE+ support for DIN Rail and wall mount installation. Reverse polarity protection and overload current protection supported Design to comply EN50121-4, EN50121-3-2 Support one Alarm relay contact


INP-F0800-T	Industrial 8FE Unmanaged PoE Switch
	<ol style="list-style-type: none"> 8*10/100Base-T Operating temperature: -40~75°C Support 8 port IEEE802.3at/af 30Watt PoE+ Power terminal block with dual power inputs to support complete power redundancy. Slim size with PoE+ support for DIN Rail and wall mount installation. Reverse polarity protection and overload current protection supported Design to comply EN50121-4, EN50121-3-2 Support one Alarm relay contact

INP-F1002G-T	Industrial SFE+ 2G SFP Unmanaged PoE Switch
	<ol style="list-style-type: none"> 8*10/100Base-T + 2*1000Base-X SFP ports Operating temperature: -40~75°C Support 8 port IEEE802.3at/af 30Watt PoE+ Power terminal block with dual power inputs & one external power jack to support complete power redundancy Compact size with PoE+ support for DIN Rail installation. Reverse polarity protection and overload current protection supported Support one Alarm relay contact Support IP30 housing protection


INP-F1002G-12(-T)	Industrial SFE+2G Combo Unmanaged PoE Switch (12V Booster)
	<ol style="list-style-type: none"> 8*10/100Base-T+ 2*100/1000 Combo ports Operating temperature: INP-F1002G-12-T: -40~75°C INP-F1002G-12: -10~65°C Support 8 port IEEE802.3at/af 30Watt PoE+ Support 12V/24V/36V booster PoE+ with redundant power input Design to support IEC-61000-4-2,-3,-4,-5,-6 protection Reverse polarity protection and overload current protection supported Two combo ports to support Gigabit copper and SFP interfaces Dual speed SFP port to provide flexible SFP transceiver connection IP30 housing mechanical protection


INS-G1600-T	Industrial 16G Unmanaged Switch
	<ol style="list-style-type: none"> 16*100/1000Base-T Operating temperature: INS-G1600-T: -40~75°C INS-G1600: 0~70°C Support Tag based QoS to transmit time sensitive data efficiently Wide range redundant power input 12/24/48 VDC Dual power inputs for power service high reliability Reverse polarity protection and overload current protection supported Industrial grade ESD and surge protection to have excellent reliability Support 10KB Jumbo frame IEEE 802.3az (EEE) Green Ethernet compliant

Industrial LTE Router

IER-F0102-LTE	Industrial LTE Router
	<ol style="list-style-type: none"> 1*10/100Base-T+ 2*LTE SIMs + 2*DI + 1*DO(ALM)+ 2*RS-232 + 1*RS-485 Operating temperature: -20~70°C Dual SIM cards with automatic failover for high network resilience Supports multi-band connectivity including GSM, WCDMA and LTE FDD for vertical machine-to-machine (M2M) <ul style="list-style-type: none"> GSM: 850/900/1800/1900 MHz WCDMA: B1/B5/B8 LTE FDD: B1/B3/B5/B7/B8/B20 Comprehensive features including Quality of Service (QoS) for traffic prioritization, IPsec, OpenVPN, Firewall security to satisfy the various applications.

Media Converter Series


EMC-G201S	Industrial 1G+1G Media Converter
	<ol style="list-style-type: none"> 1*10/100/1000Base-T + 1*1000Base-X (SFP connector) Operating temperature : -20~60°C 12V DC power jack input with lock feature (optional) to ensure power connectivity for vibration environment. LFP (Link Fault Pass through) feature to easily detect optical signal strengths and links on copper and fiber ports. Link Fault Signaling function can enable/disable easily by DIP switch. Metal case with hard architecture is suitable for harden places. SFP slot type can support the various fiber distances more easily.


EMC-G201MC	Industrial 1G+1G Media Converter
	<ol style="list-style-type: none"> 1*10/100/1000Base-T + 1*1000Base-X (Multi-mode 500m, SC connector) Operating temperature : -20~60°C 12V DC power jack input with lock feature (optional) to ensure power connectivity for vibration environment. LFP (Link Fault Pass through) feature to easily detect optical signal strengths and links on copper and fiber ports. Link Fault Signaling function can enable/disable easily by DIP switch. Metal case with hard architecture is suitable for harden places. SFP slot type can support the various fiber distances more easily.


EMC-G201SC10	Industrial 1G+1G Media Converter
	<ol style="list-style-type: none"> 1*10/100/1000Base-T + 1*1000Base-X (Signal-mode 10km, SC connector) Operating temperature : -20~60°C 12V DC power jack input with lock feature (optional) to ensure power connectivity for vibration environment. LFP (Link Fault Pass through) feature to easily detect optical signal strengths and links on copper and fiber ports. Link Fault Signaling function can enable/disable easily by DIP switch. Metal case with hard architecture is suitable for harden places. SFP slot type can support the various fiber distances more easily.


EMC-F201MC2	Industrial 1FE+1FX Media Converter
	<ol style="list-style-type: none"> 1*10/100Base-T + 1*100Base-FX (Multi-Mode 2km SC connector) Operating temperature: -20~60°C 12V DC power jack input with lock feature (optional) to ensure power connectivity for vibration environment. LFP (Link Fault Pass through) feature to easily detect optical signal strengths and links on copper and fiber ports. Link Fault Signaling function can enable/disable easily by DIP switch. Metal case with hard architecture is suitable for harden places. Auto MDI/MDI-X and auto negotiation in RJ45 port Support 9KB Jumbo frame.


EMC-F201SC30	Industrial 1FE+1FX Media Converter
	<ol style="list-style-type: none"> 1*10/100Base-T + 1*100Base-FX (Single-Mode 30km SC connector) Operating temperature: -20~60°C 12V DC power jack input with lock feature (optional) to ensure power connectivity for vibration environment. LFP (Link Fault Pass through) feature to easily detect optical signal strengths and links on copper and fiber ports. Link Fault Signaling function can enable/disable easily by DIP switch. Metal case with hard architecture is suitable for harden places. Auto MDI/MDI-X and auto negotiation in RJ45 port Support 9KB Jumbo frame.


IMC-F201MC2	Industrial 1FE+1FX Media Converter
	<ol style="list-style-type: none"> 1*10/100Base-T + 1*100Base-FX (Multi-Mode 2km SC connector) Operating temperature: -10~60°C Wide range power inputs from 12~48V DC with dual power inputs for power service high reliability. LFP (Link Fault Pass through) feature to easily detect optical signal strengths and links on copper and fiber ports and can enable/disable easily by DIP switch. IP30 Rugged metal case is suitable for harden environments. Alarm setting can enable/disable by DIP switch. Complied EN50121-4 certification.

IMC-G201S	Industrial 1G+1G SFP Media Converter
	<ol style="list-style-type: none"> 1*10/100/1000Base-T + 1*100/1000Base-X SFP connector Operating temperature: -10~60°C Wide range power inputs from 12~48V DC with dual power inputs for power service high reliability. LFP (Link Fault Pass through) feature to easily detect optical signal strengths and links on copper and fiber ports. IP30 Rugged metal case is suitable for harden environments. Auto MDI/MDI-X and auto negotiation in RJ45 port that can enable/disable by DIP switch. Complied EN50121-4 certification.


IMC-G201S-T	Industrial 1GE+1GE SFP Media Converter
	<ol style="list-style-type: none"> 1*100/1000Base-T + 1*100/1000Base-X SFP Operating temperature: -40~75°C LFP(Link Fault Pass through) feature to easily detect optical signal strengths and links on copper and fiber Dual speed with standard SFP slot can insert different distance/speed transceivers to have flexible deployment Support wide range power input 12~48VDC Reverse polarity protection and overload current protection supported One power input and one alarm relay contact to have complete power monitor. Jumbo frame 9KB supported

IMC-F201MC2A-T	Industrial 1 FE+ 1FX SC MM 2km Media Converter
	<ol style="list-style-type: none"> 1*10/100Base-T + 1*100Base-FX (Multi-mode 2km SC connector) Operating temperature: -40~75°C Mini-size with all front access (power, ports, LED, DIP switches) suitable to put in small space. LFP(Link Fault Pass through) feature to easily detect optical signal strengths and links on copper and fiber Support wide range power input 9~60VDC or 18~36VAC Reverse polarity protection and overload current protection supported Support surge protection in power inputs.


IMC-F201S-T	Industrial 1 FE+ 1FX SFP Media Converter
	<ol style="list-style-type: none"> 1*10/100Base-T + 1*100Base-X SFP Operating temperature: -40~75°C Mini-size with all front access (power, ports, LED, DIP switches) suitable to put in small space. LFP(Link Fault Pass through) feature to easily detect optical signal strengths and links on copper and fiber Standard SFP slot can insert different distance transceivers to have flexible deployment Support wide range power input 9~60VDC or 18~36VAC Reverse polarity protection and overload current protection supported Support surge protection in power inputs.

IMC-G301S(-T)	Industrial 2GE+ 1GE SFP Media Converter
	<ol style="list-style-type: none"> 2*100/1000Base-T + 1*100/1000Base-X SFP Operating temperature: IMC-G301S-T: -40~75°C IMC-G301S: -20~60°C Wide range power inputs from 24~48V DC. LFP (Link Fault Pass through) feature to easily detect optical signal strengths and links on copper and fiber ports. Reserve polarity protection and overload current protection support. Dual power input and one alarm relay contact to have complete power monitor. Support 10KB Jumbo frame Dual speed with standard SFP slot can insert different distance/speed transceivers to have flexible deployment.


Unmanaged PoE Media Injector


IPJ-G201S-T	Industrial 1G + 1G Unmanaged PoE Media Injector
	<ol style="list-style-type: none"> 2*100/1000Base-T Operating temperature: -40~75°C Support 1 port IEEE802.3at/af 30Watt PoE+ Reverse polarity protection and overload current protection supported Support dual power inputs to provide high reliability. Power input voltage from 48~56VDC. Pin 1,2,3,6 to provide PoE with data.

Unmanaged PoE Media Injector


IPJ-G201S-12-T	Industrial 1G + 1G Unmanaged PoE Media Injector (Booster)
	<ol style="list-style-type: none"> 2*100/1000Base-T Operating temperature: -40~75°C Support 1 port IEEE802.3at/af 30Watt PoE+ Support 12V/24V/48VDC to boost 48V PoE Reverse polarity protection and overload current protection supported Support dual power inputs to provide high reliability. Pin 1,2,3,6 to provide PoE with data.


Unmanaged PoE Media Converter


IPC-G201S-T	Industrial 1GE+ 1G DSFP PoE Media Converter
	<ol style="list-style-type: none"> 1*100/1000Base-T + 1*100/1000Base SFP Operating temperature: -40~75°C Support 1 port IEEE802.3at/af 30Watt PoE+ Dual speed SFP port to provide flexible SFP transceiver connection. One power input and one alarm relay contact to have complete power monitor DIP switch to select SFP speed Reverse polarity protection and overload current protection supported Jumbo frame 9KB supported Power input voltage from 44~56VDC.

IPC-F301MM2-T	Industrial 2FE+1FE MM SC 2km PoE Media Converter
	<ol style="list-style-type: none"> 2*10/100Base-T + 1*100Base-FX (Multi-mode 2km SC connector) Operating temperature: -40~75°C Support 1 port IEEE802.3at/af 30Watt PoE+ LFP(Link Fault Pass through) feature to easily detect optical signal strengths and links on copper and fiber Support surge protection in power input Reverse polarity protection and overload current protection supported Support one Alarm relay contact Power input voltage from 44~56VDC.


Unmanaged Ethernet over VDSL2 Extender


EOV-F101	Unmanaged Ethernet over VDSL2 Extender
	<ol style="list-style-type: none"> 1*10/100BaseT + 1*VDSL2 (30a/17a) Operating temperature: -20 to 65°C Metal enclosure for robust installation. High speed Ethernet extension over UTP cable High efficiency bridge function to connect two Ethernet network. Support flow control and back pressure in Ethernet port. Support to transparent IEEE 802.1Q VLAN Tag packet Plug and Play with friendly Installation Wall mounting or DIN-Rail Mounting (Optional) Support to set CO or CPE mode. Support CPE mode to connect other VDSL DSLAMs.


EOVP-F401(CO/RT)	Unmanaged Ethernet over VDSL2 Extender
	<ol style="list-style-type: none"> 4*10/100BaseT + 1*VDSL2 (30a/17a) Operating temperature: -40 to 75°C EOVP-F401-CO supports remote power feeding to EOVP-F401-RT EOVP-F401-RT supports maximum 4 ports IEEE 802.3at with 30watt. Support VDSL2 30a to have high speed Ethernet extension. High efficiency switch function to connect two Ethernet Support to switch VDSL2 profile 30a and 17a to utilize performance bandwidth. EOVP-F401-RT with local power input to have maximum 4 ports IEEE802.3at with 120watt. Plug&Play and easy cabling for friendly Installation DIN-Rail Mounting and terminal blocks for industrial standard installation. Support DIP switch to configure symmetric or asymmetric VDSL line speed.


EOV-GSFP(CO/RT)	Unmanaged Ethernet over VDSL2 Extender
	<ol style="list-style-type: none"> 1*Gigabit SFP (SGMII) + 1*RJ45 VDSL2 (30a/17a) Operating temperature: -40~65°C Standard Small Form-Factor Pluggable with MSA compliant Plug and play with friendly Installation Lite industrial operating temperature from -40 to 65°C Provide symmetric 100M/100M upstream and downstream speed up to 400m over Cat 5e cable.. RJ45 type VDSL connector to deploy the LAN extension more easily.


Serial Connectivity


STU-S1001C-I	RS-232/RS422/485 to USB Interface Converter
	<ol style="list-style-type: none"> 1*RS-232/422/485 + 1*USB 2.0 Type B Operating temperature: 0~70°C Power input: 5V DC by USB port Auto detect RS-232/422/485 Support 3KV DC to DC optical isolation protection in serial port. Surge protection and over current protection in RS-422/485 port ESD 15KV protection in serial port DIP switch ON/OFF to compensate signal attenuation in long distance connection at RS-485/422

STU-S1001C-I	RS-232/RS422/485 to USB Interface Converter
	<ol style="list-style-type: none"> 1*RS-232/422/485 + 1*USB 2.0 Type B Operating temperature: 0~70°C Power input: 5V DC by USB port Auto detect RS-232/422/485 Support 3KV DC to DC optical isolation protection in serial port. Surge protection and over current protection in RS-422/485 port ESD 15KV protection in serial port DIP switch ON/OFF to compensate signal attenuation in long distance connection at RS-485/422

STE-1001-P	RS-422/485 to Ethernet Converter with PoE PD
	<ol style="list-style-type: none"> 1*RS-422/485 + 1*10/100 RJ45 Operating temperature: 0~70°C Power input: 9~24V DC Powered by PSE (IEEE 802.3af) Powered by remote PoE PSE. Surge protection and over current protection in serial port ESD 15KV protection in serial port Support 1.5KV magnetic isolation protection in RJ45 port Login password supported for security protection Web-based for friendly setup

STM-1101C	Modbus Gateway - TCP To RTU/ASCII
	<ol style="list-style-type: none"> 1*RS-232 + 1*RS-232/422/485 + 1*10/100 RJ45 Operating temperature: 0~70°C Power input: 9~24V DC Modbus Gateway – TCP master To RTU/ASCII or TCP slave to RTU/ASCII. ESD 15KV protection in serial ports Support 1.5KV magnetic isolation protection in RJ45 port Surge protection and over current protection supported in RS-422/485 port Auto detect the RS-232, RS-422 or RS485 serial type Friendly setup by web interface configuration Support 31 Modbus RTU devices.

STM-1001C	Modbus Gateway - TCP To RTU/ASCII
	<ol style="list-style-type: none"> 1*RS-232/422/485 + 1*10/100 RJ45 Operating temperature: 0~70°C Power input: 12V DC Modbus Gateway – TCP master To RTU/ASCII or TCP slave to RTU/ASCII. ESD 15KV protection in serial ports Support 1.5KV magnetic isolation protection in RJ45 port Surge protection in RS-422/485 port Software selection the RS-422 or RS485 serial type Friendly setup by web interface configuration 8 simultaneous TCP Master, 32 simultaneous Request for each TCP Master

STU-F1001C-I	RS-232/RS422/485 to USB Interface Converter
	<ol style="list-style-type: none"> 1*RS-232/422/485 + 1*USB 2.0 Type A Operating temperature: 0~70°C Power input: 5V DC by USB port ESD 15KV protection in RS-422/485 port USB 1.1 and USB 2.0 Forward Compatible Surge protection in RS-422/485 port. Support 3KV DC to DC optical isolation protection in serial port Built in 120ohm terminal resistor with software selection ON/OFF. DIP switch ON/OFF to compensate signal attenuation in long distance connection at RS-485/422 Auto detect the RS-422 or RS485 serial type.

Serial Connectivity


STE-1101	RS-232/RS422/485 to Ethernet Interface Converter		<ol style="list-style-type: none"> 1*RS-232 + 1*RS-422/485 + 1*10/100 RJ45 Operating temperature: 0~70°C Power input: 9~24V DC Surge protection and over current protection in serial port ESD 15KV protection in serial port Built-in pull high/low resistor in RS-422/485 Support 1.5KV magnetic isolation protection in RJ45 port. Login password supported for security protection Web-based for friendly setup
STU-S1100	RS-232 to USB Interface Converter		<ol style="list-style-type: none"> 1*RS-232 + 1*USB 2.0 Type A Operating temperature: 0~60°C Power input: 5V DC by USB port ESD 15KV protection in RS-232 port USB 1.1 and USB 2.0 Forward Compatible Support flow control "Xon/Xoff" and "Hardware"
STU-S1001	RS422/485 to USB Interface Converter		<ol style="list-style-type: none"> 1*RS-422/485 + 1*USB 2.0 Type A Operating temperature: 0~60°C Power input: 5V DC by USB port ESD 15KV protection in RS-422/485 port USB 1.1 and USB 2.0 Forward Compatible Built in 100ohm terminal resistor with software selection ON/OFF
STE-1100-P	RS-232 to Ethernet Interface Converter with PoE PD		<ol style="list-style-type: none"> 1*RS-232 + 1*10/100 RJ45 Operating temperature: 0~70°C Power input: 9~24V DC Powered by PSE (IEEE 802.3af) Powered by remote PoE PSE. Surge protection and over current protection in serial port ESD 15KV protection in serial port Support 1.5KV magnetic isolation protection in RJ45 port Login password supported for security protection Web-based for friendly setup
STS-0101-I	RS-232 to RS-422/485 Interface Converter		<ol style="list-style-type: none"> 1*RS-232 + 1*RS-422/485 Operating temperature: 0~70°C Power input: 9V~24V DC by power jack or screw terminal Support 3KV DC to DC optical isolation protection in serial port. Surge protection in RS-422/485 port ESD 15KV protection in RS-232 port Reverse polarity protection in DC power input Cable length can support up to 1200m in RS-422/485. Auto detect parity / data bit / stop bit in RS-232 Auto detect RS-422 or RS-485
STU-F1004C-I	RS-232/RS422/485 to USB Interface Converter		<ol style="list-style-type: none"> 4*RS-232/422/485 + 1*USB 2.0 Type B Operating temperature: 0~70°C Power input: 9~24V DC by 2-pin terminal block or (DC Jack optional) Powered by USB port Multiple combo serial ports (RS-232/422/485) can support high serial ports application ESD 15KV protection in RS-422/485 port USB 1.1 and USB 2.0 Forward Compatible Surge protection in RS-422/485 port. Support 3KV DC to DC optical isolation protection in serial port Auto detect the RS-232, RS-422 or RS485 serial type. USB2.0 high speed 480Mbps support.
STM-1001C-W	RS-232/RS422/485 to Wifi Modbus Gateway		<ol style="list-style-type: none"> 1*RS-232/422/485 + 1*802.11b/g/n Wifi Operating temperature: -10~65°C Power input: 9~24V DC 4 Modbus modes Browser selectable (RTU/ASCII slave to TCP master, TCP slave to RTU/ASCII master) Support 8 TCP Masters simultaneously Surge protection and over current protection in serial port ESD 15KV protection in serial port Login password supported for security protection Web-based for friendly setup Software selectable for RS-422/485
STW-1001C	RS-232/RS422/485 to Wifi Interface Converter		<ol style="list-style-type: none"> 1*RS-232/422/485 + 1*802.11b/g/n Wifi Operating temperature: -10~65°C Power input: 9~24V DC Surge protection and over current protection in serial port ESD 15KV protection in serial port Login password supported for security protection Web-based for friendly setup
STW-1001C-W0803	Serial with D/I & D/O to Wifi Interface Converter		<ol style="list-style-type: none"> 1*RS-232/422/485 + 8*D/I + 3*D/O + 802.11b/g/n Operating temperature: -10~65°C Power input: 9~24V DC Surge protection and over current protection in RS-422/485 port Built in 15KV ESD protection for all signals Auto detect RS-422 or RS485 serial type Metal case is suited for industrial environments Friendly configure by web interface and login password protection. Support 8 digital inputs and 3 digital outputs Support 1 serial combo port (RS-232/422/485)
STE-1101C-0803	Digital I/O Controller		<ol style="list-style-type: none"> 1*RS-232+1*RS-232/422/485+1*10/100 RJ45+8*D/I + 3*D/O Operating temperature: 0~60°C Power input: 9~24V DC ESD 15KV protection in serial ports Support 1.5KV magnetic isolation protection in RJ45 port Surge protection and over current protection in RS-422/485 port Digital Input port support 3KV DC isolation protection Built in terminal resistor in RS422/485 with ON/OFF setting Auto detect the RS-232, RS-422 or RS485 serial type Metal case is suited for industrial environments Friendly setup by web interface configuration
STS-0101	RS-232 to RS-422/485 Interface Converter		<ol style="list-style-type: none"> 1*RS-232 + 1*RS-422/485 Operating temperature: 0~60°C Power input: RS-232 port power (No need extra power adapter) 5V DC power input Surge protection in RS-422/485 port ESD 15KV protection in RS-232 port Cable length can support up to 1200m in RS-422/485. Auto data flow control in RS-422/485 Easy selection RS-422 or RS-485 by DIP Switch.
SED-0100-I	RS-232 Extender		<ol style="list-style-type: none"> 1*RS-232 + 1*RJ45 connector Operating temperature: 0~70°C Power input: 9~24V DC Surge protection and over current protection in RJ45 port Full duplex Data transmission Hardware based real time data transfer Cable length can support extend to 1200m Pair used and no need any software configuration


Certification/Compliance/Technology





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Fiber Optic Video Converter


VOC-0101-S20	Video to Optical Media Converter
	<ol style="list-style-type: none"> 1* BNC Video+1* Data (RS-422/485 2/4W) +1* Single mode fiber Operating temperature: -20~75°C Power input: 12V DC by power jack 12V DC terminal block The compact size easily use for space limitation environment. One way video transmission, and bi-directional data channels over one fiber. Low noise, low BER and small cross talk to have high transmission quality. Surge protection 500V in near-end Cable length can support up to 1200m in RS-485

VOC-0401-S20	Video to Optical Media Converter
	<ol style="list-style-type: none"> 4* BNC Video+1* Data (RS422/RS485 2/4W) +1* Single mode fiber Operating temperature: -20~75°C Power input: 12V DC by power jack 12V DC terminal block Reverse polarity protection One way video transmission, and bi-directional data channels over one fiber. Low noise, low BER and small cross talk to have high transmission quality. Surge protection 500V in near-end Cable length can support up to 1200m in RS-422/485.


VOC-0111-S20	Video to Optical Media Converter
	<ol style="list-style-type: none"> 1* BNC Video+1* Audio+1* Data (RS422/RS485 2/4W) +1* Single mode fiber Operating temperature: -20~75°C Power input: 12V DC by power jack 12V DC terminal block Reverse polarity protection One way video transmission, and bi-directional audio and data channels over one fiber. Low noise, low BER and small cross talk to have high transmission quality. Surge protection 500V in near-end Cable length can support up to 1200m in RS-422/485. DIP Switch to select RS-422 or RS-485

VOC-0444-S20	Video to Optical Media Converter
	<ol style="list-style-type: none"> 4* BNC Video+1* Data (RS422/RS485 2/4W) +1* Single mode fiber Operating temperature: -20~75°C Power input: 12V DC by power jack 12V DC terminal block Reverse polarity protection One way video transmission, and bi-directional data channels over one fiber. Low noise, low BER and small cross talk to have high transmission quality. Surge protection 500V in near-end Cable length can support up to 1200m in RS-422/485.

VOC-0201-S20	Video to Optical Media Converter
	<ol style="list-style-type: none"> 2* BNC Video+1* Data (RS422/RS485 2/4W) +1* Single mode fiber Operating temperature: -20~75°C Power input: 12V DC by power jack 12V DC terminal block Reverse polarity protection One way video transmission, and bi-directional data channels over one fiber. Low noise, low BER and small cross talk to have high transmission quality. Surge protection 500V in near-end Cable length can support up to 1200m in RS-422/485.

VOC-0801-S20	Video to Optical Media Converter
	<ol style="list-style-type: none"> 8* BNC Video+1* Data (RS422/RS485 2/4W) +1* Single mode fiber Operating temperature: -20~75°C Power input: 12V DC by power jack 12V DC terminal block Reverse polarity protection One way video transmission, and bi-directional data channels over one fiber. High port density supported for volume CCTV cameras installation. Low noise, low BER and small cross talk to have high transmission quality. Surge protection 500V in near-end Cable length can support up to 1200m in RS-422/485. DIP Switch to select RS-422 or RS-485

VOC-0822-S20	Video to Optical Media Converter
	<ol style="list-style-type: none"> 8* BNC Video+2* Audio+2* Data (RS422/RS485 2/4W) +1* Single mode fiber Operating temperature: -20~75°C Power input: 12V DC by power jack 12V DC terminal block Reverse polarity protection One way video transmission, and bi-directional audio and data channels over one fiber. High port density supported for volume CCTV cameras installation Low noise, low BER and small cross talk to have high transmission quality. Surge protection 500V in near-end Cable length can support up to 1200m in RS-422/485. DIP Switch to select RS-422 or RS-485

VOC-0222-S20	Video to Optical Media Converter
	<ol style="list-style-type: none"> 2* BNC Video+2* Audio+2* Data (RS422/RS485 2/4W) +1* Single mode fiber Operating temperature: -20~75°C Power input: 12V DC by power jack 12V DC terminal block Reverse polarity protection One way video transmission, and bi-directional audio and data channels over one fiber. Low noise, low BER and small cross talk to have high transmission quality. Surge protection 500V in near-end Cable length can support up to 1200m in RS-422/485. DIP Switch to select RS-422 or RS-485



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