

## Ordering Information

### Industrial Multi-port Serial Card

#### Universal PCI

IPC-P1002	2 Ports RS-232 Universal PCI serial card - Low profile
IPC-P1004	4 Ports RS-232 Universal PCI serial card - Low profile
IPC-P1008	8 Ports RS-232 Universal PCI serial card - Low profile
IPC-P1016	16 Ports RS-232 Universal PCI serial card - ( Coming soon )
IPC-P2002	2 Ports RS-422/485 Universal PCI serial card - Low profile
IPC-P2002SI	2 Ports RS-422/485 Universal PCI serial card with 400W Surge and 2.5KV Optical Isolation - Low profile
IPC-P2004	4 Ports RS-422/485 Universal PCI serial card - Low profile
IPC-P2004SI	4 Ports RS-422/485 Universal PCI serial card with 400W Surge and 2.5KV Optical Isolation- Low profile
IPC-P2008	8 Ports RS-422/485 Universal PCI serial card - Low profile
IPC-P2008I	8 Ports RS-422/485 Universal PCI serial card with 400W Surge and 2.5KV Optical Isolation
IPC-P2016	16 Ports RS-232/422/485 Universal PCI serial card - ( Coming soon )
IPC-P3004	4 Ports RS-232/422/485 Universal PCI serial card - Low profile ( Coming soon )
IPC-P3008	8 Ports RS-232/422/485 Universal PCI serial card - Low profile ( Coming soon )

#### PCI Express

IPC-E1002	2 Ports RS-232 PCI Express serial card - Low profile
IPC-E1004	4 Ports RS-232 PCI Express serial card - Low profile
IPC-E1008	8 Ports RS-232 PCI Express serial card - Low profile
IPC-E1016	16 Ports RS-232 PCI Express serial card - ( Coming soon )
IPC-E2002	2 Ports RS-422/485 PCI Express serial card - Low profile
IPC-E2002SI	2 Ports RS-422/485 PCI Express serial card with 400W Surge and 2.5KV Optical Isolation- Low profile
IPC-E2004	4 Ports RS-422/485 PCI Express serial card - Low profile
IPC-E2004SI	4 Ports RS-422/485 PCI Express serial card with 400W Surge and 2.5KV Optical Isolation- Low profile
IPC-E2008	8 Ports RS-422/485 PCI Express serial card - Low profile
IPC-E2008SI	8 Ports RS-422/485 PCI Express serial card with 400W Surge and 2.5KV Optical Isolation
IPC-E2016	16 Ports RS-422/485 PCI Express serial card - ( Coming soon )
IPC-E3004	4 Ports RS-232/422/485 3-in-1 PCI Express serial card - ( Coming soon )
IPC-E3008	8 Ports RS-232/422/485 3-in-1 PCI Express serial card ( Coming soon )

#### PC / 104

IPC-A1002	2 Port sRS-232 PC/104 serial card
IPC-A1004	4 Ports RS-232 PC/104 serial card
IPC-A1008	8 Ports RS-232 PC/104 serial card ( Coming soon )
IPC-A2002	2 Ports RS-422/485 PC/104 serial card
IPC-A2002SI	2 Ports RS-422/485 PC/104 serial card with 400W Surge and 2.5KV Optical Isolation
IPC-A2004	4 Ports RS-422/485 PC/104 serial card
IPC-A2004SI	2 Ports RS-422/485 PC/104 serial card with 400W Surge and 2.5KV Optical Isolation
IPC-A2008	8 Ports RS-422/485 PC/104 serial card ( Coming soon )

#### PCI / 104

IPC-B1002	2 Ports RS-232 PCI/104 serial card
IPC-B1004	4 Ports RS-232 PCI/104 serial card
IPC-B1008	8 Ports RS-232 PCI/104 serial card ( Coming soon )

IPC-B2002	2 Ports RS-422/485 PCI/104 serial card
IPC-B2002SI	2 Ports RS-422/485 PCI/104 serial card with 400W Surge and 2.5KV Optical Isolation
IPC-B2004	4 Ports RS-422/485 PCI/104 serial card
IPC-B2004SI	4 Ports RS-422/485 PCI/104 serial card with 400W Surge and 2.5KV Optical Isolation
IPC-B2008	8 Ports RS-422/485 PCI/104 serial card ( Coming soon )

## Industrial Ethernet Switch

### Gigabit Managed Redundant Ethernet Switch

ESW-8082-GTR	Industrial Gigabit Managed Ethernet Switch with 8 10/100TX + 2 10/100/1000BaseTX, RJ-45 connector
ESW-8082-GTR-E	Industrial Gigabit Managed Ethernet Switch with 8 10/100TX + 2 10/100/1000BaseTX, RJ-45 connector, -40~80°C
ESW-8082-GPR	Industrial Gigabit Managed Ethernet Switch with 8 10/100TX + 2 1000FX ,SFP(mini-GBIC) ports
ESW-8082-GPR-E	Industrial Gigabit Managed Ethernet Switch with 8 10/100TX + 2 1000FX ,SFP(mini-GBIC) ports, -40~80°C

### Management Ethernet Switch

ESW-8062-TXR	Industrial Managed Redundant Ethernet Switch with 8 10/100BaseTX, RJ-45 connector
ESW-8062-MMC	Industrial Managed Redundant Ethernet Switch with 6 10/100TX + 2 100FX Multi mode Fiber,SC connector
ESW-8062-MMT	Industrial Managed Redundant Ethernet Switch with 6 10/100TX + 2 100FX Multi mode Fiber,ST connector
ESW-8062-MMC-E	Industrial Managed Redundant Ethernet Switch with 6 10/100TX + 2 100FX Multi mode Fiber,SC connector, -40~80°C
ESW-8062-MMT-E	Industrial Managed Redundant Ethernet Switch with 6 10/100TX + 2 100FX Multi mode Fiber,ST connector, -40~80°C
ESW-8062-SSC	Industrial Managed Redundant Ethernet Switch with 6 10/100TX + 2 100FX Single mode Fiber,SC connector
ESW-8062-SST	Industrial Managed Redundant Ethernet Switch with 6 10/100TX + 2 100FX Single mode Fiber,ST connector
ESW-8062-SSC-E	Industrial Managed Redundant Ethernet Switch with 6 10/100TX + 2 100FX Single mode Fiber,SC connector, -40~80°C
ESW-8062-SST-E	Industrial Managed Redundant Ethernet Switch with 6 10/100TX + 2 100FX Single mode Fiber,ST connector, -40~80°C
ESW-8062-GMC	Industrial Gigabit Managed Redundant Ethernet Switch with 6 10/100TX + 2 1000FX Multi mode Fiber,SC connector
ESW-8062-GMT	Industrial Gigabit Managed Redundant Ethernet Switch with 6 10/100TX + 2 1000FX Multi mode Fiber,ST connector
ESW-8062-GMC-E	Industrial Gigabit Managed Redundant Ethernet Switch with 6 10/100TX + 2 1000FX Multi mode Fiber,SC connector, -40~80°C
ESW-8062-GMT-E	Industrial Gigabit Managed Redundant Ethernet Switch with 6 10/100TX + 2 1000FX Multi mode Fiber,ST connector, -40~80°C
ESW-8062-GSC	Industrial Gigabit Managed Redundant Ethernet Switch with 6 10/100TX + 2 1000FX Single mode Fiber,SC connector
ESW-8062-GST	Industrial Gigabit Managed Redundant Ethernet Switch with 6 10/100TX + 2 1000FX Single mode Fiber,ST connector
ESW-8062-GSC-E	Industrial Gigabit Managed Redundant Ethernet Switch with 6 10/100TX + 2 1000FX Single mode Fiber,SC connector, -40~80°C
ESW-8062-GST-E	Industrial Gigabit Managed Redundant Ethernet Switch with 6 10/100TX + 2 1000FX Single mode Fiber,ST connector, -40~80°C
ESW-8062-GTR	Industrial Gigabit Managed Ethernet Switch with 6 10/100TX + 2 10/100/1000BaseTX, RJ-45 connector

### Unmanaged Ethernet Switch

ESW-0500-TXR	Industrial Unmanaged Ethernet Switch with 5 10/100BaseTX, RJ-45 connector
ESW-0401-SSC	Industrial Unmanaged Ethernet Switch with 4 10/100TX + 1 port 100FX Single mode Fiber,SC connector
ESW-0401-SST	Industrial Unmanaged Ethernet Switch with 4 10/100TX + 1 port 100FX Single mode Fiber,ST connector
ESW-0401-MMC	Industrial Unmanaged Ethernet Switch with 4 10/100TX + 1 port 100FX Multi mode Fiber,SC connector
ESW-0401-MMT	Industrial Unmanaged Ethernet Switch with 4 10/100TX + 1 port 100FX Multi mode Fiber,ST connector
ESW-0800-TXR	Industrial Unmanaged Ethernet Switch with 8 10/100BaseTX, RJ-45 connector
ESW-0602-SSC	Industrial Unmanaged Ethernet Switch with 6 10/100TX + 2 port 100FX Single mode Fiber,SC connector
ESW-0602-SST	Industrial Unmanaged Ethernet Switch with 6 10/100TX + 2 port 100FX Single mode Fiber,ST connector
ESW-0602-MMC	Industrial Unmanaged Ethernet Switch with 6 10/100TX + 2 port 100FX Multi mode Fiber,SC connector
ESW-0602-MMT	Industrial Unmanaged Ethernet Switch with 6 10/100TX + 2 port 100FX Multi mode Fiber,ST connector

## Serial to Ethernet Device Server

### Industrial SLAN Device Server

SL-C0100H	Industrial 1 Port RS-232/422/485 3-in-1 Serial Device Server
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SL-S0100H	Industrial 1 Port RS-232 Serial Device Serve
SL-S0200H	Industrial 2 Ports RS-232 Serial Device Server
SL-S0400H	Industrial 4 Ports RS-232 Serial Device Server
SL-S0800H	Industrial 8 Ports RS-232 Serial Device Server - (Coming soon)
SL-S1600H	Industrial 16 Ports RS-232 Serial Device Server - (Coming soon)
SL-D0100H	Industrial 1Port RS-422/485 Serial Device Server
SL-D0200H	Industrial 2 Ports RS-422/485 Serial Device Server
SL-D0400H	Industrial 4 Ports RS-422/485 Serial Device Server
SL-D0800H	Industrial 8 Ports RS-232 Serial Device Server - (Coming soon)
SL-D1600H	Industrial 16 Ports RS-422/485 Serial Device Server - (Coming soon)

### SLAN Device Server

SL-S0100P	1 Port RS-232 Serial Device Server - Plastic with 5V 1A power adaptor
SL-S01000	1 Port RS-232 Serial Device Server with 12 VDC Jack and 12~48V DC input
SL-S02000	2 Ports RS-232 Serial Device Server with 12VDC Jack and 12~48V DC input
SL-S04000	4 Ports RS-232 Serial Device Server with 12VDC Jack and 12~48V DC input
SL-D01000	1 Port RS-422/485 Serial Device Server with 12VDC Jack and 12~48V DC input
SL-D02000	2 Ports RS-422/485 Serial Device Server with 12VDC Jack and 12~48V DC input
SL-D04000	4 Port RS-422/485 Serial Device Server with 12VDC Jack and 12~48V DC input

### Embedded SLAN

ESL-S0100	1 Port RS-232 Embedded Serial Device Server with RJ-45 Connector / Pin Header
ESL-S0200	2 Ports RS-232 Embedded Serial Device Server with RJ-45 Connector / Pin Header

### Industrial Media Converter

#### Serial Converter

STD-1914A	RS-232 to RS-422/485 Converter- Plastic
STD-1914SA	RS-232 to RS-422/485 Converter with Surge- Plastic
STD-1918H	RS-232 to RS-422/485 Converter
STD-1918H-E	RS-232 to RS-422/485 Converter , -40~80°C
STD-1918H-SI	RS-232 to RS-422/485 Converter with 400W Surge and 2.5KV Optical Isolation
STD-1918H-SI-E	RS-232 to RS-422/485 Converter with 400W Surge and 2.5KV Optical Isolation , -40~80°C

#### Fiber Converter

FTS-6011-SC	RS-232 to Single mode SC type Fiber Converter
FTS-6011-ST	RS-232 to Single mode ST type Fiber Converter
FTS-6011-MC	RS-232 to Multi mode SC type Fiber Converter
FTS-6011-MT	RS-232 to Multi mode ST type Fiber Converter
FTD-6011-SC-E	RS-232 to Single mode SC type Fiber Converter, -40~80°C
FTD-6011-ST-E	RS-232 to Single mode ST type Fiber Converter, -40~80°C
FTD-6011-MC-E	RS-232 to Multi mode SC type Fiber Converter, -40~80°C
FTD-6011-MT-E	RS-232 to Multi mode ST type Fiber Converter, -40~80°C
FTD-6011-SC	RS-422/485 to Single mode SC type Fiber Converter
FTD-6011-ST	RS-422/485 to Single mode ST type Fiber Converter
FTD-6011-MC	RS-422/485 to Multi mode SC type Fiber Converter
FTD-6011-MT	RS-422/485 to Multi mode ST type Fiber Converter
FTD-6011-SC-E	RS-422/485 to Single mode SC type Fiber Converter , -40~80°C

FTD-6011-ST-E	RS-422/485 to Single mode ST type Fiber Converter , -40~80°C
FTD-6011-MC-E	RS-422/485 to Multi mode SC type Fiber Converter , -40~80°C
FTD-6011-MT-E	RS-422/485 to Multi mode ST type Fiber Converter , -40~80°C
FTC-6011-SC	RS-232/422/485 Serial to Single mode SC type Fiber Converter
FTC-6011-ST	RS-232/422/485 Serial to Single mode ST type Fiber Converter
FTC-6011-MC	RS-232/422/485 Serial to Multi mode SC type Fiber Converter
FTC-6011-MT	RS-232/422/485 Serial to Multi mode ST type Fiber Converter
FTC-6011-SC-E	RS-232/422/485 Serial to Single mode SC type Fiber Converter , -40~80°C
FTC-6011-ST-E	RS-232/422/485 Serial to Single mode ST type Fiber Converter , -40~80°C
FTC-6011-MC-E	RS-232/422/485 Serial to Multi mode SC type Fiber Converter , -40~80°C
FTC-6011-MT-E	RS-232/422/485 Serial to Multi mode ST type Fiber Converter , -40~80°C

### Ethernet Converters

FTL-1218H-MMC	Industrial 10/100BaseTX to 100BaseFX Multi mode SC type Fiber Converter
FTL-1218H-MMT	Industrial 10/100BaseTX to 100BaseFX Multi mode ST type Fiber Converter
FTL-1218H-SMC	Industrial 10/100BaseTX to 100BaseFX Single mode SC type Fiber Converter
FTL-1218H-SMT	Industrial 10/100BaseTX to 100BaseFX Single mode ST type Fiber Converter
FTL-1218H-MMC-E	Industrial 10/100BaseTX to 100BaseFX Multi mode SC type Fiber Converter, -40~80°C
FTL-1218H-MMT-E	Industrial 10/100BaseTX to 100BaseFX Multi mode ST type Fiber Converter, -40~80°C
FTL-1218H-SMC-E	Industrial 10/100BaseTX to 100BaseFX Single mode SC type Fiber Converter, -40~80°C
FTL-1218H-SMT-E	Industrial 10/100BaseTX to 100BaseFX Single mode ST type Fiber Converter, -40~80°C
FTL-1218H-GMC	Industrial 10/100/1000BaseTX to 1000BaseFX Multi mode SC type Fiber Converter - (Coming soon)
FTL-1218H-GMT	Industrial 10/100/1000BaseTX to 1000BaseFX Multi mode ST type Fiber Converter - (Coming soon)
FTL-1218H-GSC	Industrial 10/100/1000BaseTX to 1000BaseFX Single mode SC type Fiber Converter - (Coming soon)
FTL-1218H-GMT	Industrial 10/100/1000BaseTX to 1000BaseFX Single mode ST type Fiber Converter - (Coming soon)
FTL-1218H-GMC-E	Industrial 10/100/1000BaseTX to 1000BaseFX Multi mode SC type Fiber Converter, -40~80°C - (Coming soon)
FTL-1218H-GMT-E	Industrial 10/100/1000BaseTX to 1000BaseFX Multi mode ST type Fiber Converter, -40~80°C - (Coming soon)
FTL-1218H-GSC-E	Industrial 10/100/1000BaseTX to 1000BaseFX Single mode SC type Fiber Converter, -40~80°C - (Coming soon)
FTL-1218H-GMT-E	Industrial 10/100/1000BaseTX to 1000BaseFX Single mode ST type Fiber Converter, -40~80°C - (Coming soon)

### Industrial Modbus I/O Modules

#### Digital Inut/Output Module

SM_DI_116p	16 Channels 24VDC Digital Input ( Sourcing )
SM_DIO_116p	16 Channels 24VDC Digital Input/Output ( Sourcing )
SM_DO_116	16 Channels Power Relay Output ( One Common )
SM_DO_108	8 Channels Power Relay Output
SM_CNT_102	2 Channels Pulse Counter/Frequency Input

#### Analog Inut/Output Module

SM_AO_102i	2 Channels Current/Voltage Analog Output
SM_AI_108i	8 Channels Current/Voltage Analog Input
SM_TH_108i	8 Channels Thermostat Analog Input
SM_UI_108i	8 Channels Universal Analog Input
SM_RTD_108i	8 Channels RTD Analog Input

Note : Please contact our sales team for fiber connector types (ST, LC).  
And extend -40~80°C options availability for Switch and Converter products.