

CAN-Bus Device Server



Ethernet Interface		CP202-2CI	IP222-2I-2CI
Number Of Ports	1	2	
Connectors	RJ45	SC Fiber	
Speed	10/100Mbps	10/100Mbps	
Fiber Interface			
Number Of Ports	/	/	/
Connectors	/	/	/
CAN Interface			
CAN Standard	CAN2.0A, CAN2.0B	CAN2.0A, CAN2.0B	
Signals	SHELL, CAN-L, CAN-H, RES+, RES-	SHELL, CAN-L, CAN-H, RES+, RES-	
Baudrate	5K-1Mbps	5K-1Mbps	
Interface Protection	2KV Surge	2KV Surge	
Connector	terminal block	terminal block	
Power Supply			
Input Voltage	9-24VDC	12-48VDC	
Power Connector	terminal block	terminal block	
Network Management and Control			
Network Protocols	ARP, ICMP, UDP, TCP, IP, HTTP, DHCP, DNS	ARP, ICMP, UDP, TCP, IP, HTTP, DHCP, DNS	
Web Console	✓	✓	
Serial Console	/	✓	
Windows Utility	✓	✓	
Installation			
DIN-Rail Mounting	✓	✓	
Panel Mounting	✓	✓	
Rack Mounting	/	/	
Working Environment			
Working Temperature	-40~75°C	-40~75°C	
Storage Temperature	-40~85°C	-40~85°C	
Relative Humidity	5%~95% (no condensation)	5%~95% (no condensation)	
Dimensions			
Size (W*H*D)	70.6*94*26 (mm)	35*110*95 (mm)	

USB to RS-232/485/422 Interface Converter



USB Interface		US8232	US84232	US8485	US8485I	US8485	US8485I
Number of Ports	USB 1.1/USB2.0 compliant, EM RS-232	1 x RS-232	4 x RS-232	1 x RS-485	1 x RS-232/485/422	1 x RS-232/485/422	8 x RS-232/485/422
Connectors	USB Type A	USB Type A	USB Type A	USB Type A	USB Type A	USB Type A	USB Type A
Speed	VCC, DATA+, DATA-, GND, FG	VCC, DATA+, DATA-, GND, FG	VCC, DATA+, DATA-, GND, FG	VCC, DATA+, DATA-, GND, FG	VCC, DATA+, DATA-, GND, FG	VCC, DATA+, DATA-, GND, FG	VCC, DATA+, DATA-, GND, FG
Serial Interface							
Number Of Ports	1 x RS-232	8 x RS-232	1 x RS-485	1 x RS-232/485/422	4 x RS-232/485/422	4 x RS-232/485/422	8 x RS-232/485/422
Connectors	DB9 male / Terminal block	DB9 male / Terminal block	15 KV ESD, 600V surge	15 KV ESD, 600V surge	15 KV ESD, 600V surge	15 KV ESD, 600V surge	15 KV ESD, 600V surge
Interface Protection	Serial Communication Parameters	Data Bits: 5, 6, 7, 8, Stop Bits: 1, 2, Parity: None, Even, Odd, Space, Mark	300bps-115200bps	300bps-115200bps	300bps-115200bps	300bps-115200bps	300bps-115200bps
Baudrate	Flow Control	RTS/CTS					
Driver Support							
Windows 2000	✓	✓	✓	✓	✓	✓	✓
Windows XP/2003/x86/x64	✓	✓	✓	✓	✓	✓	✓
Windows Vista/x86/x64	✓	✓	✓	✓	✓	✓	✓
Windows CE 4.2/5.0/5.2/6.0	✓	✓	✓	✓	✓	✓	✓
Mac OS-X	✓	✓	✓	✓	✓	✓	✓
Linux (above 2.4 versions), x86, 64 Linux	✓	✓	✓	✓	✓	✓	✓
Environmental Limits							
Working Temperature	-20~60°C	-40~75°C	-20~60°C	-40~75°C	-40~75°C	-20~60°C	-40~75°C
Storage Temperature	-25~85°C	-40~85°C	-25~85°C	-40~85°C	-40~85°C	-25~85°C	-40~85°C
Relative Humidity	5%~95% (no condensation)	5%~95% (no condensation)	5%~95% (no condensation)	5%~95% (no condensation)	5%~95% (no condensation)	5%~95% (no condensation)	5%~95% (no condensation)
Power Requirements							
Input Voltage	/	5VDC	5VDC	/	12VDC(9-48VDC)	5VDC	9VDC
Dimensions							
Size (L*W*H)	72*33*18 (mm)	160*94*28 (mm)	230*148.3*40 (mm)	72*33*18 (mm)	100*69*22 (mm)	160*94*28 (mm)	230*148.3*40 (mm)

RS-232/485/422 Interface Converter

Serial Interface	TLC485	TLC422	MODEL485P	SW485CI	SW485PI
RS-232	✓	✓	✓	✓	✓
RS-422/485	/	/	✓	✓	/
RS-422	/	✓	/	/	/
RS-485	✓	/	/	/	✓
Connector	DB9 / terminal block	DB9 / terminal block	DB9 / terminal block	DB9 / terminal block	terminal block
Interface Protection	15kV ESD	15kV ESD	15kV ESD, 600W surge	15kV ESD, 600W surge	2kV electrical isolation
Compliance		EIA RS-232, EIA RS-422, EIA RS-485			
Baudrate		300bps~115200bps			
Flow Control		auto detect direction control			
Working Environment					
Working Temperature	-20~60°C	-20~60°C	-10~75°C	-10~75°C	-40~75°C
Storage Temperature	-25~85°C	-25~85°C	-40~85°C	-40~85°C	-40~85°C
Relative Humidity		5%~95% (no condensation)			
Power Requirements					
Input Voltage	/	/	9VDC	9~36VDC	12~48VDC
Dimensions					
Size (W*H*D)	90*33*16.5 (mm)(DB9)	65*55*16.5 (mm)(DB25)	62.4*93*22 (mm)	69*100*22 (mm)	35*100*95 (mm)

CAN-Bus to RS-232/485/422 Converter

Serial Port	CAN232	CAN485
Standard	EIA RS-232C	EIA RS-485
Protocol	Modbus RTU (optional)	Modbus RTU (optional)
Serial Port Quantity	1 RS-232 serial port	1 RS-485 serial port
RS-485 Signal	TXD, RXD, GND	D+, D-, GND
Baud Rate	300~115200bps	300~115200bps
Data Bit	8bit	8bit
Check Bit	None, Even, Odd, Space, Mark	None, Even, Odd, Space, Mark
Stop Bit	1bit, 2bit	1bit, 2bit
Interface Form	DB9, Female	DB9, Female
Transmission Distance	15m	1200m
CAN Interface		
Standard	CAN2.0A, CAN2.0B	CAN2.0A, CAN2.0B
Interface Quantity	1 CAN port	1 CAN port
CAN Signal	CANH, CANL, GND	CANH, CANL, GND
Duplex Mode	2-wire Half Duplex Mode	2-wire Half Duplex Mode
Baud Rate	2.5kpbs~1000kpbs	2.5kpbs~1000kpbs
Load Capacity	support concurrent transmitting of 110 nodes	support concurrent transmitting of 110 nodes
Transmission Distance	40m~10km	40m~10km
Interface Form	adopt 5-pin 5.08mm pitch terminal blocks	adopt 5-pin 5.08mm pitch terminal blocks
Terminating Resistor	optional external 120Ω terminating resistor	optional external 120Ω terminating resistor
Interface Protection	2kVAC isolation protection	2kVAC isolation protection
Working Environment		
Working Temperature	-40~75°C	-40~75°C
Storage Temperature	-40~85°C	-40~85°C
Relative Humidity	5%~95% (no condensation)	5%~95% (no condensation)
Power Requirement		
Input Voltage	9~48VDC	9~48VDC
Dimensions		
Size (W*H*D)	69*100*22 (mm)	69*100*22 (mm)