



I-8112iW

2-Port Isolated RS-232 Module

The I-8112iW provides 2-isolated RS-232 serial ports. It equips 128 bytes hardware FIFO for each port, offers speed up to 115.2K bps and supports full-duplex communication.

In the harsh industrial environment, the on board ESD protection devices attempt to divert this potentially damaging charge away from sensitive circuitry and protect the I-8112iW from permanent damage.

Specifications

Number of ports	2
Interface	TXD, RXD, RTS, CTS, DSR, DTR, DCD, RI, GND
Controller	16C950 compatible
	Speed: 115200 bps Max.
	Data bit: 5, 6, 7, 8
	Stop bit: 1, 1.5, 2
	Parity: None, Even, Odd, Mark, Space
FIFO: Internal 128 bytes for each port	
Interrupt	Shared Interrupt
Bus	Parallel I/O Module
Connector	DB-9(Male)
4KV ESD Protection	Yes, Contact for each port.
Intra-module Isolation, Field to Logic	2500Vrms
Software	
Support interrupt driven software library	
Support VxCOM library	
LED Display	
1 LED as Power Indicator	
2 LEDs as Communication(TxD) Indicators	
2 LEDs as Communication(RxD) Indicators	
Power	
Power Consumption	0.3A @ 5V = 1.5W, +/- 5%
Environment	
Operating Temperature	-25 to 75 °C
Storage Temperature	-40 to 85 °C
Humidity	5 to 95% RH, non-condensing
Dimensions	
30mm x 85mm x 114mm (W x L x H)	