



Model: I-8142i



Model: I-8142i-G

I-8142i/I-8142i-G

2-port Isolated RS-422/485 Module



Hardware



Dimensions



Certification



FAQ

Specifications

Number of ports	2
Interface	Isolated RS-422/485 RS-422: TxD+, TxD-, RxD+, RxD-, RTS+, RTS-, CTS+, CTS- RS-485: Data+, Data- Note1: The RS-422 and RS-485 couldn't be used simultaneously Note2: Only Support Half - Duplex
Controller	16C550 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 16 bytes
Self-Tuner Asic inside	Yes.
Interrupt	Shared Interrupt
Bus	Parallel I/O Module
Supports Max devices	Supports 32 devices max by each port. For Hardware version 6.7
Connector	10-Pin RJ-45
Photo-Isolation	2500Vrms
4KV ESD Protection	Yes, Contact for each port.
Intra-module Isolation, Field to Logic	3000VDC
Software	
Support interrupt driven software library	
Support VxCOM library	
LED Display	
1 LED as Communication Indicator	
2 LEDs as Communication(TxD) Indicators	
2 LEDs as Communication(Error) Indicators	
Power	
Power Consumption	0.48A @ 5V = 2.4W, +/- 5% For Hardware version 6.7
Environment	
Operating Temperature	-25 to 75 °C
Storage Temperature	-40 to 85 °C
Humidity	5 to 95%, Non-condensing
Dimensions	
31 x 63 x 114 (W x L x H)	
Include cable	
CA-RJ1003 x 1	

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Ordering information

I-8142i	2-Port Isolation RS-422/485 Module (Blue Cover)
I-8142i-G	2-Port Isolation RS-422/485 Module (Gray Cover)

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Suggested Accessory

CA-RJ0903	9-Pin Male D-sub to 10-Pin RJ-45 Cable (30cm)
CA-RJ1003	10-Pin RJ-45 to 10-Wire Cable (30cm)
CA-RJ1010	10-Pin RJ-45 to 10-Wire Cable (1M)

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Related Products

I-8144	4-Port RS-422/485 Module (Blue Cover)
I-8142i	2-Port Isolated RS-422/485 Module (Blue Cover)
I-8142	2-Port RS-422/485 Module (Blue Cover)

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