

I-8114W



4-Port RS-232 Module/4-Port Isolated S-232 Module

The I-8114W provides 4 non-isolated RS-232 serial ports, while the I-8114iW provides 4-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-8114W/I-8114iW from permanent damage.

Specifications

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|---|--|
| Number of ports | 4 |
| I-8114W Interface | TXD, RXD, RTS, CTS, DSR, DTR, DCD, RI, GND |
| I-8114iW Interface | TXD, RXD, RTS, CTS, 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-37(Female) |
| 4KV ESD Protection | Yes, Contact for each port. |
| Intra-module Isolation, Field to Logic | 2500Vrms for I-8114iW |
| Software | |
| Support interrupt driven software library | |
| Support VxCOM library | |
| LED Display | |
| 1 LED as Power Indicator | |
| 4 LEDs as Communication(TxD) Indicators | |
| 4 LEDs as Communication(RxD) Indicators | |
| Power Consumption | |
| I-8114W | 0.25A @ 5V = 1.25W, +/- 5% |
| I-8114iW | 0.35A @ 5V = 1.75W, +/- 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) | |

Ordering information

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|----------------|--|
| I-8114W CR | 4-Port RS-232 Module |
| I-8114W/D2 CR | 4-Port RS-232 Module Includes one CA-9-3705 cable. |
| I-8114iW CR | 4-Port Isolated RS-232 Module |
| I-8114iW/D2 CR | 4-Port Isolated RS-232 Module Includes one CA-9-3705 cable. |

Accessories

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|-----------|--|
| CA-4002 | 37-pin Male D-sub connector with plastic cover. |
| CA-9-3705 | DB-37 Male(D-sub) to 4-Port DB-9 Male(D-sub) cable. 0.5M Cable for I-8114W/I-8114iW(90°) <pin assignment> |

Related Products

| | |
|-------------|-----------------------------------|
| I-8112iW CR | 2-Port Isolated RS-232 Module |
| I-8142iW CR | 2-Port Isolated RS-422/485 Module |
| I-8144iW CR | 4-Port Isolated RS-422/485 Module |