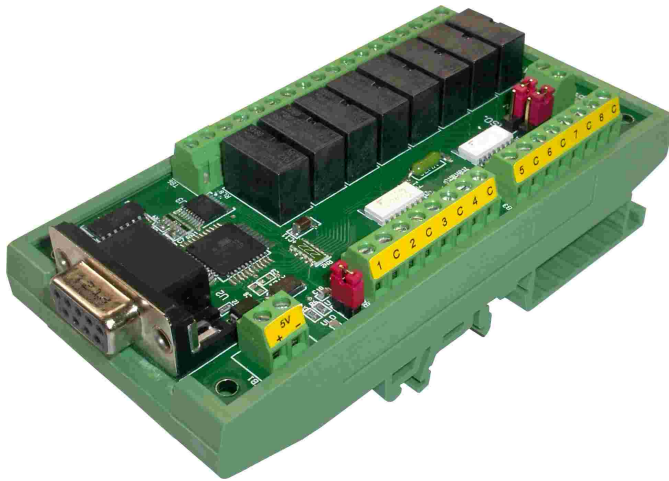# IA-2114

**8-ch SPDT / SPST Relays**
**8-ch Isolated Digital Input**
**COM Controlled Module**

iA Intelligent Appliance



## Features

- 8-ch SPST / SPDT Relays
- 8-ch Isolated Digital Input
- 8-ch Independent Relays
- "Dry-Contact" Inputs
- Dual Watchdog Protection
- Peer to Peer Ready
- Open Source Code Samples
- Setup & Operation Utilities
- Simple Operation
- Small Footrint
- DIN-Rail Mounting ready

## Introduction

The IA-2114-2 is an RS-232 Relay Controller, with a widened Commands List, that is implemented into a tiny, DIN-Rail mounted board.

The IA-2114-2 includes 8 (6/2) SPST / SPDT Relays and 8 Optic-Isolated Digital Inputs that may be easily controlled by its free software supporting package, or by customer's self designed dedicated software.

The IA-2114-2 is an Indutrial Intelligent-Appliance Dry-Contact I/O module that may be used either for ordinary PC controlled applications or for stand alone and Peer-to-Peer applications. Most experienced support team stand behind these new modules, eager to assist you in case needed.

## Ordering Information:

- **IA-2114-2**
  8-ch **Independent** Relay Board, 8-ch Isolated Digital Input, **RS-232** controlled Module and DB9 M/F cable include.

- **IA-2115-U**
  8-ch **Bussed** Relay, 8-ch Isolated Digital Input, **USB** Controlled Module and USB cable include.

## Specifications

**Control Port**

| | |
|---|---|
| Communication Method | RS-232 |
| BR Range | 1200 to 115200bps |
| Default | 19200, 8, n, 1 |

**Relays**

| | |
|---|---|
| SPDT (Form C) | 2-ch |
| SPST (Form A) | 6-ch |
| Contact Rating | 2Amp @ 30VDC |
| | 0.5Amp @ 125VAC |
| Operate Time | 4mS |
| Release Time | 4mS |

**Isolated Digital Input**

| | |
|---|---|
| Channels | 8 |
| Voltage Range | 5-30VDC |
| Polarity | Active Low |
| Operation Methods | "Dry-Contact" |
| | Voltage Level |
| Input Current | -1.2mA |

**General**

| | |
|---|---|
| Supply Voltage | 5VDC 0.3 Amp |
| Operating Temp. | 0~60$^{\circ}$C |
| Dimensions: | |
| w/o Din Rail | 110x52x20 mm |
| w Din Rail | 114x56x40 mm |
| Weight: | |
| w/o Din Rail | 85g |
| w Din Rail | 125g |