

# IA-2522

2 Relays / 2 Dig.IN / 1 Dig I/O  
USB Controlled Module

**IA** Intelligent Appliance



## Description

The IA-2522 is a dry contact I/O device, USB powered and controlled, with event counting ability.

The IA-2522 includes two Form C relays, two digital inputs that may be used both as dry contact inputs and as TTL digital inputs. These inputs may be used as event counters input as well, and moreover, there is a third digital input that may be used at the same way of the first two inputs, or it may be used as a digital output.

Operating the IA-2522 is most simple. Its software support includes an API library, software examples and software utility for simple setting and configuration.

The IA-2522 can be easily controlled by ASCII commands, using popular IA-3000 series command set, and moreover, it can be controlled by any RS-232 program written for the IA-3000 series.

## Features

- Two SPDT form C relays
- Two (or three) "Dry Contact" inputs
- One digital I/O Channel
- Up to three event count inputs

## Ordering Information:

- IA-2522 - 2 Relays / 2 Dig.IN / 1 Dig I/O USB controlled module and USB cable.

## Connector Pinout

|    |           |         |
|----|-----------|---------|
| 1  | DIG IN 1  |         |
| 2  | DIG IN 2  |         |
| 3  | DIG I/O 3 |         |
| 4  | COMMON    |         |
| 5  | COM       |         |
| 6  | NO        | Relay 1 |
| 7  | NC        |         |
| 8  | COM       |         |
| 9  | NO        | Relay 2 |
| 10 | NC        |         |

## Specifications

Control Port

Communication Method: USB

Relay OUTPUT

Relay Type: SPDT Form C  
Contact rating: 2A at 30 VDC,  
0.4A at 125 VAC

Relay on time: 5mS  
Relay off time: 5mS  
Channels: 2

Digital INPUT

Input Voltage: Logic 0 up to 1.5 VDC  
Logic 1 over 3 VDC  
Or dry contact

Channels

2

Digital I/O

Voltage Range: 0-5VDC  
Input Voltage: Low 0 up to 1.5 VDC  
High over 3 VDC  
Or dry contact

Output sink current

4 mA at 0.8 V  
100 mA at 1.5 V

Channels

1

GENERAL

Supply Voltage: USB  
Environment: 0-60°  
Dimensions: 129x65x26mm  
Weight: 150gr