



## Features

- 16-ch Relay Module
- 16-ch Digital Input
- Wide Voltage Input Range
- Onboard Watchdog Protection
- Open Source code samples
- Setting and Operation Utility
- Unique ID and Addressing
- Daisy-Chain Ready
- DIN-Rail mounting ready

## Introduction

The IA-3126-2 is an industrial intelligent 16-ch Relay Control Board, with 16-ch Digital Input and multi-drop operation capability, in the original IA-3131 foot print.

The IA-3126-2 is an Industrial grade relay controller, easy operated, supported by a simple, yet, powerful command set. Rich software support, including open source code samples and setting utility makes it fast and easy adaptable device.

The IA-3126S is an inductive load supporting version of the original IA-3126 Controller, that include voltage suppressors across its Relay contacts. This version is limited to 56VDC and 40VAC load voltage operation range.

## Ordering Information:

- **IA-3126-2 :**  
RS-232 Controlled,  
16-Ch Relay, 16-Ch DI
- **IA-3126S-2:**  
IA-3126-2 with Voltage Supressors  
on Relays Contact  
\*\*Limited to 56VDC / 40VAC Load Voltage

## Specifications

### Relays

Channels	16
Contact current**	2Amp @ 30VDC 0.4Amp @ 240VAC
Contact method	SPST, form A

### Digital Inputs

Channels	16
Voltage Range	5V to 30VDC 24-72VDC optional
Logic	Positive or Negative
Input Signal	GND or Positive Voltage

### Communication

Main COM method	RS-232
Expansion COM	RS-232
Default BR	19200bps
COM Rate	1200-115Kbps
Main Port	DB9 Female
Expansion Port	DB9 Male
Host/Module cable	USB A/B
Module/Module cable:	DB9 M/F pin-to-pin 3 wires, pin 2,3 and 5 up to 15m long

### GENERAL

Power supply:	24VDC, 0.45Amp
Module size:	265x115x45 mm
Weight:	450 gr

