

IA-2151-U

32-ch Digital Input
USB Powered & Controlled

IA Intelligent Appliance
For Smart Solutions...



Introduction

The IA-2151-U is an Industrial 32-ch Digital Input Module with high noise immunity. It is USB powered and controlled.

The IA-2151-U Digital Input status may be collected in three different ways. They can be set for “Auto Report” method, reporting each input change, “Time Report” method, reporting on time base and “Polling” method.

All Digital Inputs include a wide range Digital Filter, enabling a different source kind.

The IA-2151-U is capable of handling both Positive and Negative signals without the need for external components.

The software support package includes open source code examples, DOT.net software driver and software operation utilities.

Features

- 32-ch Digital Input
- High Noise Immunity
- Auto Report on Input change
- 5 to 30VDC Input Voltage Range
- Positive or Negative Logic Signals
- “Dry-Contact” support
- Input Masking ability
- Watchdog Protected
- Small Foot Print
- DIN-Rail Mounting ready

Specifications

Digital Inputs

Channels quantity	32
Voltage range	5 to 30VDC
Activation Logic	Positive or Negative Software Controlled
Activation Range	0 to 1.5VDC in Negative Logic 4 to 30VDC in Positive Logic
Operation Methods	– Auto Report on input change – Timely Report – Polling
Masking	Bit Based

Communication

Main COM	USB type B
Baud-rate range	1200-230400bps
Default BR Value	19200bps

General

Supply Voltage	USB Port
Module Size	115x45x30 mm
Weight	95gr

Ordering Information

IA-2151-U	32-ch Digital Input, USB Powered & Controlled USB Cable included.
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