

IA-2660-Ui

Isolated USB port
96-ch Digital I/O TTL
Pluggable Terminal Blocks

 **Intelligent Appliance**
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Features

- Isolated USB port
- 96 Digital I/O channels
- Each Byte can be defined as Input or Output
- Enhanced Software Support package
- TTL/LVTTL Level signal handling
- High current output
- “Dry-Contact” Inputs are supported
- Positive and Negative Logic are supported
- Selectable Input pull-ups source
- Selected operation Voltage (3.3V or 5V)
- Onboard watchdog protection
- High noise immunity
- Pluggable terminal blocks
- Din-Rail mounting ready

Introduction

The IA-2660-Ui is a flexible, most featured 96 Digital I/O channels device that is based on an Isolated USB port and includes easy-to-use Pluggable Screw Terminals.

The IA-2660-Ui Outputs are capable of sinking or sourcing up to 24mA, each, while the Input range supports both TTL and LVTTL level.

The IA-2660-Ui is capable of handling both Positive and Negative Logic Input signals, while the input pull-ups might be switched to Positive or GND, by software, in order to fit the attached devices.

Each Byte can be set to become an Input Byte or an Output Byte.

The IA-2660-Ui internal circuits are set to operate by 5V supply voltage or by 3.3V, software selected, in order to best fit customer's needs.

The on board Pluggable Screw Terminal blocks includes 8 signal bits each, providing an easy wiring, easy rewiring, easy interchanging and most efficient space managed without the need for additional cables and wiring boards.

The IA-2660-Ui software support includes DOT.net library, open source examples and software utilities for fast system implementation.

Ordering Information

IA-2660-Ui	96-ch, Digital I/O, Isolated USB
IA-2660-E	96-ch, Digital I/O, Ethernet

Specifications

Communication Port

COM version	Isolated USB port
COM Speed	1200-115K BR
Default BR	19200

Digital Output

Channels	96
Structure	Tri-State Buffered Outputs
Rated Current	+/- 24 mA
Operation Voltage	3.3V / 5V software controlled

Digital Inputs

Channels	96
Input Voltage Range	0 - 5V
Pull-up Resistor	22K OHM
Pull-up Source	+3.3V / +5V / GND - Software controlled

General

Total I/O Lines	96
Supply Voltage	24VDC (19.2VDC~32VDC)
Supply Current	0.3Amp
Operation Temperature	0~60° C.
Module Size	170x115x45 mm
Weight	330gr