

IMP-ARIO

Asynchronous Remote I/O Board

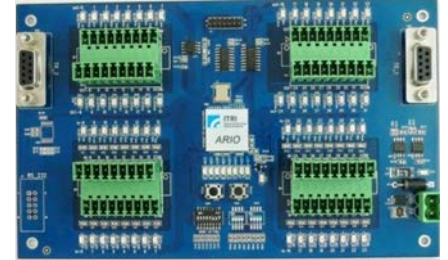
IMP-ARIO64

Features

- Asynchronous communication protocol
- Supports maximum up to 1024 I/O
- Serial topological structure
- Electrical potential isolation at I/O
- Adjustable transfer rate
- Supports Source Type / Sink Type



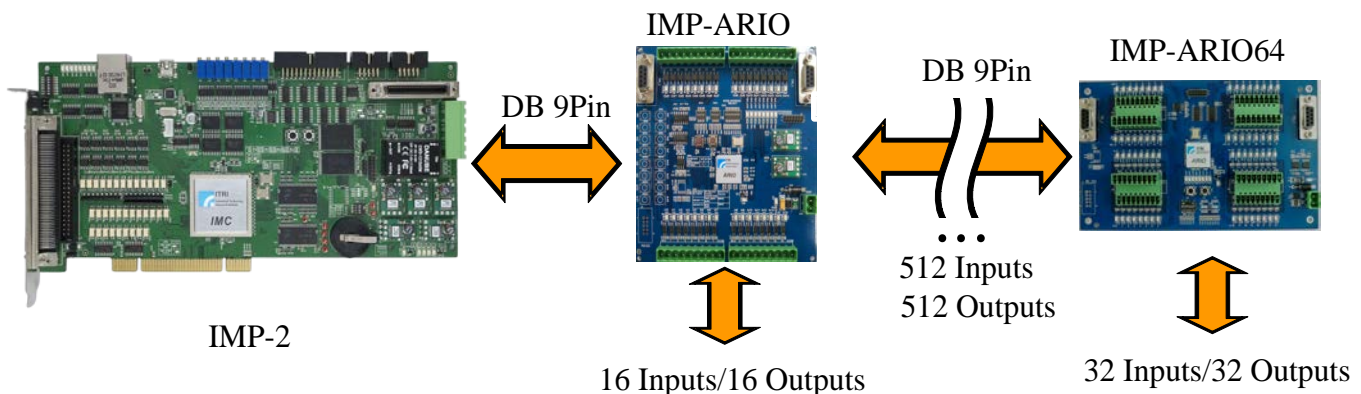
IMP-ARIO



IMP-ARIO64

Introduction

There are two models of the asynchronous remote I/O board depending on the inputs and outputs, which are the IMP-ARIO and the IMP-ARIO64. It is mainly for machine I/O control in various industries. According to customer demands for I/O, IMP-ARIO or IMP-ARIO64 is that they can be connected in series. Working in conjunction with the IMP (master), it can be used to construct a control system with up to 512 Inputs and 512 Outputs. Such a remote I/O board concept can significantly reduce the wiring complexity which not only reduces the cost but also improves the reliability and renders easy maintenance of the system.



Specifications

Item	Spec.	
	IMP-ARIO	IMP-ARIO64
Dimension	130mm x 140mm	178mm x 108mm
Power Requirement	5V/550mA	5V/1000mA
Maximum Refresh Rate	20μsec/32 channels	40μsec/64 channels
Input / Output	16 / 16	32 / 32
Maximum Input / Output	512 Inputs / 512 Outputs	
Maximum Output Current at a Single Output	100mA (Max.)	