

iWire

iWire™ is an expansion module for the iController™, available in two types, Type A and Type B, dependent upon system requirements.

iWire Type A enables the iController to communicate with access readers, and provides eight inputs and four outputs. Each unit can support up to two industry standard card readers that communicate via Wiegand or clock/data formats.

iWire Type B enables the iController to interface to several general-purpose input and output signals, enabling the monitoring and control of alarms and other external equipment. Inputs may include loop and gate status; outputs may include gate control.

- Simultaneously supports the use of magnetic stripe readers in Amano lane devices and third party external readers.
- Supports any industry-standard card reader or keypad that provides wiegand or clock-data output, including magnetic stripe, bar code, proximity and biometric.
- Has the ability to support multiple card and reader formats simultaneously.
- Type-A iWires support two readers and/or keypads with eight supervised inputs and four relay outputs.
- Type-B iWires support 16 supervised inputs and eight relay outputs.
- Connects to the iController via RS-485 and can be located up to 4000 feet from the iController.

Specifications are approximate and are subject to change without notice

Manufactured by Amano Cincinnati, Inc.'s Ohio factory, an ISO 9001:2000 registered facility.

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SPECIFICATIONS

Note

Requires iController for communication to iParc® host.

Electrical

Power Requirements:

- Input Voltage: 85-256 VAC (50/60 Hz)
- Input Amperage: 0.5 amp

Network

Two-wire RS-485

LED

LED's for power and network activity

Readers

- Up to two readers: wiegand or clock/data
- Support for ISO track 2/3 or JIS2 magnetic stripe readers
- Support for ITF, CODE39 or NW-7 barcode readers
- DC 5V or 12V power supply
- Support for up to 2 LED's per reader

Outputs

Up to eight Form C relays:

- Normally Closed contact
- Normally Open contact

Relay Rating: 10A at 30VDC or 250VAC

Inputs

Up to 16 Supervised Inputs:

- Contact closed
- Contact open
- Open circuit
- Shorted circuit

REPRESENTED BY:



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