

# iController

The iController™ is used to distribute the intelligence and decision-making capability of the iParc® system. Configuration parameters and user profiles are downloaded from an iParc Server to the iControllers, allowing informed access control decisions to be made on-line or off-line.

The iController allows new or existing parking revenue lane devices to be connected to an iParc host via TCP/IP, allowing lane devices to communicate over any combination of LAN, WAN, wireless LAN or the Internet.

- Simultaneously supports the use of magnetic stripe readers in Amano lane devices and third party external readers connected through optional iWire™ Modules.
- Supports any industry-standard card reader or keypad that provides wiegand or clock-data output, including magnetic stripe, bar code, proximity and biometric, when used with optional iWire Modules.
- Has the ability to support multiple card and reader formats simultaneously.
- Supports up to four iWires.
- Connects to an iParc server using a standard TCP/IP network connection using DHCP or static IP address.
- Mounting configuration provides space for optional iWire Module(s).
- Depending on the system requirements, is available in multiple configurations, including a gate-mounted version to be installed in an AGP-1700 gate, or in a standalone enclosure designed for wall mounting.

*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

### Enclosures

#### Standalone:

Size: 24" H X 16" W X 6" D (60 cm X 40.6 cm X 15.2 cm)

Weight: 45.5 lbs. (20.6 kg)

Housing: 14 gauge steel NEMA enclosure

Finish: ANSI 61 gray polyester powder coating over phosphatized surfaces.

#### Gate Mounted:

Size: 22.4" H X 14.6" W (56.9 cm X 36 cm)

Weight: 12.8 lbs (5.8 kg)

Service: Mounting in AGP-1700 gate only

Finish: Galvanized

### Electrical

#### Power Requirements:

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

Input Amperage: 0.5 amp

#### Environment:

-15 F to 130 F (-26 C to 54 C)

10% to 90% humidity, non-condensing

### Network

RJ-45 Ethernet Port

### Buzzer and LED

- One buzzer
- LED's for upstream and downstream network activity

### Clock Accuracy

+/-3 seconds per week (at ambient temperature)

### Power Backup

- Program kept in Flash
- No limit on lifetime transactions kept in battery backed-up SRAM

### Memory

- Cardholder capacity 2000 cards
- Transaction buffer capacity 2000 events

### Communications

Dual RS-485 ports and TCP/IP.

## REPRESENTED BY:



Corporate Headquarters:  
140 Harrison Avenue, Roseland, NJ 07068-1239 (973) 403-1900 [www.amano.com](http://www.amano.com)