

# SIMPLE DOOR CONTROL



Introducing the A3 range from Access by Codelocks. Compact, standalone programmable door controllers with RFID functionality.

The A3 range includes three compact standalone door control models suitable for internal and external applications. For use with magnetic locks and electric strikes, the range provides proximity access for up to 1000 users. Eliminate the hassle of missing keys and doors being left unlocked all day. The A3 range of door controllers offer a keyless solution as a standalone product; an affordable access control system that does not require complex software purchases, external programmers or licensing costs.



Single door control



Internal & external use



Two year guarantee\*



Smart card & fob access

## FEATURES

- Three models available
- MIFARE® compatible
- Master Programming Cards included
- Configurable penalty time
- Anti-tamper sensor
- LED status indicators and backlit keypad
- Flush or surface mount options
- Alarm and doorbell connections
- Card, Code and Panic Clients
- Fixings / templates included
- Conforms to IP66



# MODELS



**A3 RFID**  
RFID MIFARE® compatible door controller. Provides proximity access for up to 1000 Card Clients. Can be flush or surface mounted.



**A3 DUAL**  
Surface mounted RFID MIFARE® compatible door controller with keypad. Provides proximity access for up to 600 Code/Card Clients, including two Panic Clients. Advanced functions and access modes available.



**A3 VANDAL RESIST**  
Heavy duty RFID MIFARE® compatible with keypad and doorbell connections. Provides proximity access for up to 600 Code/Card Clients, including two Panic Clients. Advanced functions and access modes available.

# FUNCTIONS

## Configurable Relay

ALL MODELS

**Pulse Mode** allows an adjustable re-lock time to be set between 1-99s (5s default).

**Latch Mode** enables passage functionality allowing Code or Card Client free access.

## Multiple Access Modes

A3 DUAL & A3 VANDAL RESIST

**Dual Authorisation** requires a valid Code and Card Client to be presented in order to allow access.

**Reader Mode** where the unit acts as a Wiegand<sup>1</sup> reader linked to another unit.

## Penalty Time

ALL MODELS

Presenting an incorrect Card or Code Client 10 times will incur a 30 second time delay before any further use is possible.

## Door Interlock

A3 DUAL & A3 VANDAL RESIST

Sometimes referred to as a 'Door Airlock' system, this function allows two door controllers to be linked. For example, the first door will require closing before the second door can be opened.

# TECHNICAL SPECIFICATIONS

		A3 RFID	A3 DUAL	A3 VANDAL RESIST
<b>Clients</b>	Compatible With	13.56MHz MIFARE® (ISO 14443 Type A)	13.56MHz MIFARE® (ISO 14443 Type A) & 125KHz	13.56MHz MIFARE® (ISO 14443 Type A) & 125KHz
	Max. Capacity	Up to 1000	Up to 600	Up to 600
<b>Operation</b>	Voltage	12-24V DC	12-18V DC	12-28V DC
	Idle Current	20mA	35mA	65mA
	Working Current	80mA	100mA	100mA
	Inputs/Outputs	Relay, Push-to-Exit	Relay, Push-to-Exit, Alarm, Door Contact, Wiegand Input, Wiegand Output	Relay, Push-to-Exit, Alarm, Door Contact, Wiegand Input, Wiegand Output
	Wiegand <sup>1</sup>	-	Input/Output: 26-37 bits PIN Output: 4 bits, 8 bits (ASCII), 10 Digits Virtual Number	Input/Output: 26-37 bits PIN Output: 4 bits, 8 bits (ASCII), 10 Digits Virtual Number (4 bits default)
	Read Range	60mm (2 <sup>3</sup> / <sub>8</sub> "	60mm (2 <sup>3</sup> / <sub>8</sub> "	60mm (2 <sup>3</sup> / <sub>8</sub> "
<b>Environment</b>	IP66 Rating	✓	✓	✓
	Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
	Humidity	10%RH ~ 98%RH	10%RH ~ 98%RH	10%RH ~ 98%RH
<b>Dimensions</b>	External (W x H x D)	48mm x 102.5mm x 17mm (2" x 4 <sup>1</sup> / <sub>16</sub> " x 5/ <sub>8</sub> "	49.5mm x 123mm x 22mm (2" x 4 <sup>7</sup> / <sub>8</sub> " x 7/ <sub>8</sub> "	50.5mm x 150mm x 20.5mm (2" x 5 <sup>7</sup> / <sub>8</sub> " x 3/ <sub>4</sub> "

Note: Not suitable for Chlorine environments.

<sup>1</sup> Wiegand is a wiring standard used in access control systems. When a unit acts as a Wiegand reader, it can be used to connect devices together.

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