

Interguard Universal Interlock Controller for 8 + doors

IGUIC

Example Scenarios for IGUIC

The scenarios below give some basic ideas of how the IGUIC can be used. This is a limited set of scenarios, the IGUIC is capable of virtually any combination of interlocking that may be required.

INTERGUARD IGUIC is a sophisticated fully programmable door interlock controller. The system allows up to 8 doors to be interlocked in a multitude of combinations.

Each controller can be connected with 4 other controllers allowing for very large and complex interlocking systems.

An LCD screen allows the user to easily program the controller to setup the interlock, setup the links between controllers, set any timers or set individual door parameter such as normally locked or normally unlocked.

The controller has several pre programmed modes for easy setup.

The controller connects to an interface junction box at each door via 2 x RJ45 cables. The devices at the door such as the maglock, buttons, LED's, access control etc.. then terminate to the interface via screw terminals.

Fire alarm inputs allow the operation of the IGUIC to be interrupted. One option will release all doors, the other keeps doors locked but allows more than one door to be released at a time. Red and Green operational indicators are provided at each door as shown below. These provide invaluable feedback to users.

An integral 5A PSU is incorporated to cater for control and indication, and to supply power to the door locks, both 12vdc and 24vdc available.

Benefits and Features

- Programmable interlock controller
- Up to 8 doors per controller
- Each controller can connect to 4 controllers
- LCD screen for easy programming
- Integral 12vdc or 24vdc 5A PSU
- Secure and non-secure interlocking
- Status indication at each door
- Programmable fire alarm input
- Breach indication's
- Relay outputs for door status and breach indications - 8 door only
- Programmable global relay
- Fully programmable timers for
 - Door open too long
 - Dwell
 - Lockdown
 - Lockdown after use
 - Privacy
- UKCA and CE marked, ROHS compliant
- Manufactured in the UK

PRODUCT CODE	Description
IGUIC8-12	12 or 24vdc - 8 Door universal interlock controller with Relay outputs
IGUIC8-24	600 x 400 x 120mm
IGUIC4-12	12 or 24vdc - 4 Door universal interlock controller with Relay outputs
IGUIC4-24	600 x 400 x 120mm
IGUIC4T-12	12 or 24vdc - 4 door Standalone universal interlock controller c/w screw terminals
IGUIC4T-24	400 x 300 x 100mm
IGUICJB-12	12 or 24vdc - Junction Box for IGUIC
IGUICJB-24	200 x 155 x 80mm

A full range of accessories are available

S1718BS - Press to release button c/w LEDs and sounder

S1717S - LED indicators and sounder

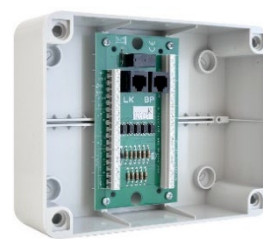
MCP-GS-11 - Emergency release Call Point

Magnetic locks and door contacts available on request.

IGUIC-12 or 24



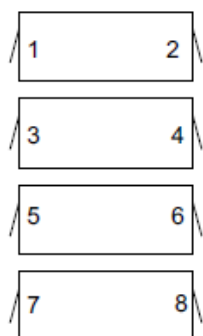
IGUIC4T-12 or 24



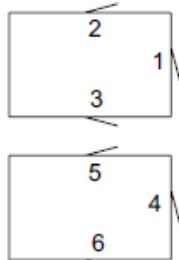
IGUICJB-12 or 24

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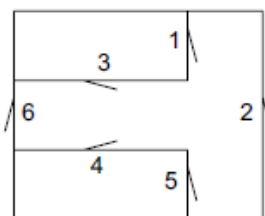
IGUIC

**Scenario 1**

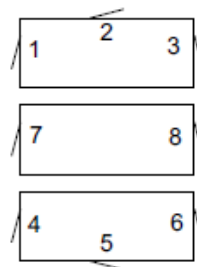
4 separate 2 door interlocks

**Scenario 2**

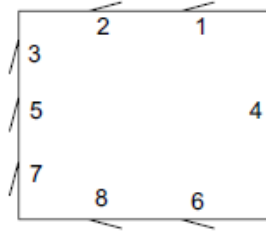
2 separate 3 door interlocks

**Scenario 3**

2 x 3 and 1 x 2 door interlocks with door 2 common to all interlocks.
1,2 and 3 interlocked
2,4 and 5 interlocked
2 and 6 interlocked

**Scenario 4**

2 x 3 and 1 x 2 door interlocks with no common doors.
1,2 and 3 interlocked
4,5 and 6 interlocked
7 and 8 interlocked

**Scenario 5**

7 x 2 door interlocks with door 4 common to all.
4 and 1 interlocked
4 and 2 interlocked
4 and 3 interlocked
4 and 5 interlocked
4 and 6 interlocked
4 and 7 interlocked
4 and 8 interlocked

