KAC-IRC2000

White

Description

RBH Intelligent Controller that controls access for up to two doors c/w Integra software



Product Summary

The IRC2000 intelligent controller controls access to up to two doors. The unit is used in conjunction with SR2400 Proximity Reader(s) and 5300 Proximity Keyfobs and software

Certification

European Norm	No Harmonised European Norm
Product Classification	n/a (No Harmonised European Norm)
EC Certificate of Conformity No.	n/a (No Harmonised European Norm)
Certifire No.	n/a
Declaration of Performance	n/a (No Harmonised European Norm)
Other Test Evidence	n/a

BIM Assist™

BC(A)R Assist™*

Last Reviewed	03/01/2020

* ROI Only

For the purpose of continual product development, KCC reserves the right to change specifications without notice.
Please accept all dimensions as approximate. E&OE. © KCC Group 2026.

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Features

- Intelligent door controller that controls up to two doors. Used in conjunction with an electronic reading device
- Up to 5,000 cards / fobs
- Records the last 3,000 events
- Up to 16 controllers per network
- Supplied with an in-built 2amp 12vDC power supply unit

Technical Characteristics

- Networks per PC: 32 (RS-232, TCP/IP Ethernet or RS-485, supervised)
- Controllers per network: 16
- Communication between controllers : Supervised RS-485, speed - programmable 9.6 - 56Kbps, distance 1,200m
- Cards / fobs per panel: 5,000
- Access levels per panel : 5,000 (one per card per panel) 8,000 optional
- Access points (readers/keypads): 2 (Red, Green LED and buzzer control) maximum distance 150m
- Simultaneous card formats per panel: 5, Wiegand or Clock & Data
- Programmable supervised inputs: 8, four state monitoring, NO and NC inputs. Input Supervision 4 state monitoring (None, 1 or 2 resistors), max distance 300m
- Programmable outputs: 4 SPDT 5A @ 30VDC, dry contacts. 4 Electronic drivers, 12VDC max, 100mA.
- Output mode: Programmable Fail Safe/Fail Secure
- Power requirements: In-built power supply unit 2amp 12vDC
- Recommended back-up battery: 12V, 7AH lead acid or gel cell (not included)
- Reader / keypad to controller cable type: 20 - 22AWG, 6 or 8 conductor, shielded
- Controller to controller cable type: 18AWG, 2 conductor, twisted, shielded
- Input cable type: 0 - 22AWG, 2 conductor

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Monitoring

- Realtime door monitoring is provided as standard*. The activity at the door can be remotely monitored as the event occurs. Monitored events include when access is granted (and to which credential), when the exit button used and so on
- The system also provides programmable alerts where for example, a door that has been open for more than a specific time, will trigger an alert to the PC

** Additional device required such as a door contact*

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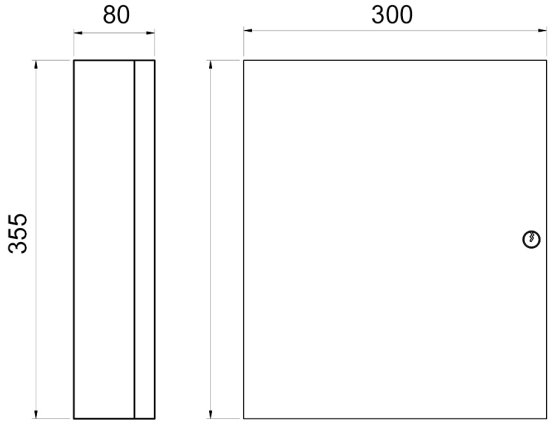
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Specification Text

GENERAL ACCESS CONTROL
· Manufacturer: RBH
- Product reference: KAC-IRC2000
· Type: Intelligent Controller that controls access for up to two doors c/w Integra software
· Size: 300 x 355 x 80mm
· Material/ finish: White



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