



## Standalone IP55 Access Reader/Keypad

Model: ACRDR102

- Interfaces with most electric door locks
- Compatible with fail-safe or fail-secure locks
- Multi-level authentication using card & code
- Handles up to 1000 user codes/keys/cards
- Expand with up to 3 additional readers
- Add split-decoder for improved security

### Product Overview

The ACRDR102 is a weather resistant, ABS plastic, self-contained, dual-level backlit access control reader/keypad designed to directly drive electric door locks. It is capable of accommodating up to 1000 user codes & RFID cards/keyfobs and is compatible with both fail-safe and fail-secure locks. Cards & codes can be combined for multi-level authentication, visitor access can be programmed, daily operational hours can be set and the door lock striking timer is programmable for access customisation.

The ACRDR102 uses a solid-state switch for long service life and has an available relay contact to operate an external low power door chime. It also features a tamper switch and unauthorised access lock for vandal protection.

The ACRDR102 has a bi-directional data I/O bus, enabling use of up to 3 additional readers & split-decoder to be used. It is compatible with all proximity keys & cards (incl. 2 cards).

Specifications		
Access	Maximum User Access	1000 (user) codes, keyfobs, cards / 1 super-user code
	Door Lock Control	Toggle / Time: 1 ~ 99,999 seconds
	Tamper Switch	50mA / 24VDC (N.C. relay, dry contact)
	Door Chime	1A / 24VDC (N.O. relay, dry contact)
	Solid State Door Lock	2A / 24VDC
	Data I/O Bus	Bi-directional: 3 additional readers / 1 split-decoder
	Access Lock Modes	No lock / 60s after 10 attempts / 15 mins after 10 attempts
General	Power Input	12VDC
	Operating Current	60mA (standby) / 100mA (active)
	Ingress Protection	IP55 (dust protected & water ingress resistant)
	Material & Finish	Matte grey ABS plastic / Black gloss front
	Operating Environment	-20°C ~ 70°C / RH95% (max)
	Weight	0.16kg
	Dimensions	169 x 46 x 24mm

### Compatible Accessories

- ACKEY100/101/102:** 125KHz RFID cards and keyfobs
- ACRDR100:** Auxiliary access control card reader
- ACRDR101:** Split-decoded access controller

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