



Standalone IP55 Access Control Reader

Model: ACRDR100

- Interfaces with most electric door locks
- Expand with up to 3 additional readers
- Compatible with fail-safe or fail-secure locks
- Handles up to 500 users & 5 super-users
- Ideal for offices and for small business
- Built-in door chime & tamper relay contact

Product Overview

The ACRDR100 is a weather resistant, ABS plastic, self-contained access control reader designed to directly drive electric door locks. It is capable of accommodating up to 500 user RFID cards/keyfobs and is compatible with both fail-safe and fail-secure locks. The door lock striking timer is programmable for access customisation.

A built-in door chime relay contact is available to operate an external low power door chime. The reader uses a solid-state switch instead of a mechanical relay contact for door lock strikes to improve service life. It also features a tamper switch and unauthorised access lock for vandal protection.

The ACRDR100 has a built-in Data I/O bus, enabling up to 3 additional ACRDR100s to be used in a multi-station access control configuration. The reader comes standard with 2 RFID cards and is also compatible with the entire range of proximity keys and cards.

Specifications		
Access	Maximum User Access	500 (user) / 5 (super-user) ; keyfobs, cards
	Door Lock Control	Time: 1 ~ 60 seconds
	Tamper Switch	50mA / 12VDC (N.C. relay, dry contact)
	Door Chime	1A / 24VDC (N.O. relay, dry contact)
	Solid State Door Lock	3A / 16VDC
	Data I/O Bus	Up to 3 additional readers
	Access Lock Modes	No lock / 60s after 10 attempts / 15 mins after 10 attempts
General	Power Input	12VDC
	Operating Current	60mA (standby) / 80mA (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	119 x 60 x 23mm	

Compatible Accessories

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

Your Watchguard Access Control professional: