

Fingerprint Readers

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CM729B Fingerprint Reader

The additional of a fingerprint reader to your installation will allow users to turn areas on and off or open a door simply by presenting their unique fingerprint credential to the reader. The fingerprint reader features 3D pixel sensing technology and can read virtually any finger; wet or dry. The sensor's hard coating protects against scratches, impacts and everyday wear-and-tear and provides in excess of 15KV electrostatic discharge isolation.

The fingerprint reader includes red, green and blue indicators which are used to show area or door lock status at all times. To simplify installation, an egress input and lock output are also provided.

Functions

A large blue reader status indicator is provided in the finger placement area to simplify user enrolment and day to day operation. The readers also include haptic technology that takes advantage of the user's sense of touch by applying vibrations to the user's finger during analysis and enrolment of fingerprint credentials.

- ▶ Separate indicators show door and alarm status; built in sounder provides alarm warning
- ▶ Lock output and egress input to simplify wiring, with built in tamper switch
- ▶ Haptic feedback enhances user operation
- ▶ Adjustable volume control
- ▶ Anti replay and anti substitution protection

Unlike other systems, the readers are fully integrated with the control panel, which means that fingerprint credentials are automatically transferred between other readers on the system, reducing programming and installation time.

Credentials can also be uploaded using the SolutionLink RAS software for backup purposes and can even be copied from one panel to another, simplifying configuration for users with multiple sites. Various options can be configured via the Devices – Keypad & Reader menu in panel programming. User access events are stored in the panel log and can also be reported if required.

Certifications and approvals

C-tick Supplier Code:	N12138
CE:	EN 55022:2010, EN 60950-1:2001
Telepermit:	PTC 211/12/017

Technical specifications

Power Requirements

Operating Voltage: 10.0V DC – 14.5V DC @ 100mA

Connections

Format: Proprietary

Lock Output: Protected open collector transistor output – 500mA

Egress Input: Low (0v) to trigger. Can be disabled via software control

Environmental Considerations

Temperature: -30° to 55°C Operating

Humidity: 5% to 85% at 30°C non-condensing

Enclosure

Dimensions: 74(W) x 23(D) x 116(H)mm

Warranty: 3 years

Ordering information

CM728B Fingerprint Reader - Black

Order number **CM728B**

CM729B Fingerprint Reader - White

Order number **CM729B**

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