

DoorBird fingerprint reader module 50

Product number 1298-FAM50



Product description

DoorBird fingerprint reader module 50 for DoorBird D11x and D21x

DoorBird only works with the best: Our fingerprint reader is equipped with technology from Fingerprint Cards AB (Fingerprints) - the world's leading biometrics company headquartered in Sweden. Fingerprints technology can be found in several hundred million devices and applications and is used billions of times every day. It enables secure and convenient fingerprint identification and authentication.

In our DoorBird IP door stations and IP access control devices, we combine outstanding biometric performance and security, high-quality components and a capacitive touch sensor.

Enrolment of a new fingerprint is conveniently done in conjunction with the DoorBird app or our web-based administration tool at <https://webadmin.doorbird.com>. If access needs to be cancelled, a fingerprint can also be deleted remotely in real time.

Access authorisations can be restricted to certain days and times. This allows you to determine who is authorised to enter your home or building and when. You can also individually define which action is to be carried out for each fingerprint, e.g. trigger relay 1 or 2, control an IP I/O door controller, call up an HTTP(s) URL, arm or disarm an alarm system, open an intelligent lock or trigger an event in the building automation system.

The fingerprint reader does not lose its functionality even under severe weather conditions; it has been specially designed for such conditions. In terms of security, convenience and speed, the capacitive, full-image touch sensor is effectively superior to line-based models and also enables a lower installation height.

Data protection & security: The reader does not store fingerprint images. It only stores one template per fingerprint in the form of a mathematically calculated hash value. Biometric features are neither transmitted to the DoorBird door station nor to the app or cloud. Our system therefore fulfils the highest data protection and data security standards.

In addition, the fingerprint reader has a mechanism that prevents tampering attempts and temporarily locks the system after 5 unauthorised access attempts. To increase security even further, the fingerprint reader itself has no built-in relays. Instead, you can use the DoorBird IP I/O Door Controller A1081, which is connected to a DoorBird IP Video Door Station, to securely trigger a detached relay.

THE ADVANTAGES

- Touch sensor
- Configurable via app or web-based administration tool
- Status LED (RGB)
- Fully integrated into DoorBird IP video door stations
- 1,000 times more secure than a 4-digit PIN code on the keypad
- System to protect against tampering
- Event history with time stamp
- No more need for keys - cannot be misplaced, forgotten, lost or stolen
- No unauthorised use of PIN codes or RFID key fobs possible, one fingerprint is unique per person
- Personalised schedules and actions
- Sensor surface is resistant to common household liquids: Water, carbonated soft drinks, orange juice, coffee, oil, petrol, soap, sweat
- Supported number of fingerprints (template storage): 50

TECHNICAL DATA

Configurable via app

- Customised events (e.g. switching relays, calling up HTTP(s) URL)
- Customised schedules
- 50 storable fingerprints
- Event history

Status LED (RGB)

- Operating mode:
 - Green + confirmation tone: successfully authenticated
 - Red + error tone: fingerprint not recognised (e.g. unknown fingerprint or wet sensor - please dry with a cloth)
 - Pink: Tamper protection (too many failed attempts, sensor blocked for at least 30 seconds)
- Set-up mode:
 - Blue: ready for fingerprint capture
 - Green + no sound: enrolment step successful
 - Green + confirmation tone: fingerprint template successfully set up
 - LED goes out: Timeout during setup
- Start mode:
 - Yellow: Hardware test successful
 - Red: Hardware test not successful

Operating conditions -25 to +55°C / -13 to 131°F Relative humidity 10 to 85 % (non-condensing)

Scope of delivery 1x fingerprint reader module 50 2x seal for mounting on front panel (2 and 3 mm)

Important information

Camera or call station preparation

The intercom systems must be connected by an electrician. Contact your trusted electrician for planning, fitting and installation.

Dimensions

Width in mm 50,3

Height in mm 49,3

Depth in mm 24,5

Weight in kg 0,35

More images

