DARK CRYSTAL
FINGERPRINT READER

- **FINGERPRINT READER FOR INDOOR USE**
- **Up to 1000 users**
- **Simple to install**
- **User friendly**
- **Gesture sensors**
- **Optional local administration**
- **Made in UK**
- **Lifetime Warranty & Support**

www.progeny.co.uk

CE

Progeny
Access Control

Fingerprint Reader

The Dark Crystal Biometric Reader is both a Fingerprint Recognition Reader and an RFID (Radio Frequency Identification) proximity reader.

The biometric features are integrated with the Progeny P4 systems with controller firmware V4.5 and later. This reader is intended for indoor use.

Up to 1000 users can enrol two fingerprints each. These are recorded in the controller and (if online) in the server database.

The Dark Crystal range uses a simple 4 wire interface for all power, data and signalling between Controller and Reader.

The Dark Crystal Biometric reader can be fitted directly to a standard UK light switch back box (with 60mm fixing centres). It is supplied with M3.5 screws for this purpose.

Always use a screened cable (minimum 6 core 7/0.2 non twisted) and connect the screen to earth at the controller. Maximum cable run 100m.

Enrolment

With fingerprint biometric systems it is good practice to record to two templates per user. This is for a couple of reasons:

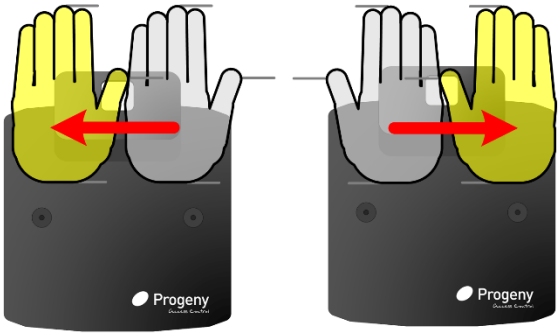
1. If the finger is injured in some way and is modified or covered by plaster for hygiene reasons.

2. The location of a reader may favour the use of the left hand at one door but the right hand at another door.

The Progeny fingerprint system keeps two templates available for each user. The use of two fingers per user is not compulsory but it is recommended. There are 1000 slots available (2 fingers per slot), usually for left and right.

Gesture Sensors

Integral gesture sensors allow for optional local administrators to add temporary or visiting users.

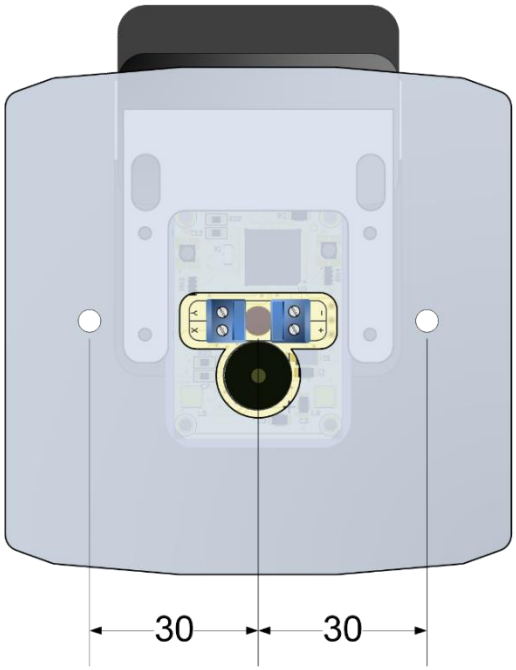


Specification

Operating Voltage Range	8-14 VDC
Peak Current	150mA
Average Current	50mA
Cable Distance	100m

DIMENSIONS (mm)

4850 Fingerprint Reader W90 x H90 x D19



PRODUCT CODE

Description	Code
Dark Crystal Fingerprint Reader	4850

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