DARKCRYSTAL READERS & CREDENTIALS

- **DARK CRYSTAL PROXIMITY READERS FOR USE IN ALL ENVIRONMENTS**
- **Lifetime warranty**
- **Internal or external use**
- **Intuitive light & sound feedback**
- **Compatible with P4 Systems**
- **Photo ID option on ISO cards**

www.progeny.co.uk

CE

Progeny
Access Control

Dark Crystal Readers

The Dark Crystal Reader is a passive RFID (Radio Frequency Identification) reader for use with the Progeny P4 systems. The proximity credential is encoded with an encrypted identification number. This number is transmitted when presented to the Dark Crystal reader. The reader then passes this number on to the control equipment for an access control decision.

The Dark Crystal reader is weather protected and suitable for both indoor and outdoor use.

4800 (switch plate) is IP65 rated when sealed against mounting surface. The 4820 (Mullion) is completely sealed and instrsicaly IP66. 4830 (Panel Mount) is IP65 rated when sealed against front panel.

Dark Crystal Switch Plate

The switch plate style use M3.5 mm screws mount to any standard single gang back box, which makes first fix possible.

The switch plate reader can be surface or flush mounted.

Dark Crystal Reader Mullion

The mullion reader is designed for applications when space is limited or were extra weather resistance is required.

Dark Crystal Panel Mount

The panel mount reader fits in to reverse side an intercom panel using standard fittings and is an ideal solution for tenanted buildings using integrated access control and intercom.

Dark Crystal Vandal Resistant

Designed for tough unattended locations.

Credentials

There are 2 types of credentials, the ISO card and key fob.

The ISO card is credit card sized and has a graphics quality surface for use with all direct image printers.

The Key fob is small enough to fit on a key ring.

Specification

Electrical

Operating Voltage Range	8-14 VDC
Peak Current	100mA
Average Current	50mA
Frequency	125Khz
Cable Distance (Max)	100m

Environment

Operating Temperature	-20 to 65°C
Operating Humidity	0 to 95%

Dimension (Mounted in mm)

4800 Switch Plate	W90 x H90 x D19
4820 Mullion	W45 x H80 x D19
4830 Panel Mount	W60 x H60 x D17
4840 Vandal Resistant	W118 x H99 x D2
3804 ISO Card	W86 x H54 x D0.83
3805 Key fob	W31.5 x H50.5 x D9.5

Product Codes

Description	Code
Dark Crystal Switch Plate Reader	4800
Dark Crystal Mullion Reader	4820
Dark Crystal Panel Mount Reader	4830
Dark Crystal Vandal Resistant Reader	4840
Crystal ISO Card (Pack of 10 0r 100)	3804-10 3804-100
Crystal Fob (Pack of 10 or 100)	3805-10 3805-100

Note: Crystal Credentials are also available site coded.

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