



General Specifications

Power Requirement	- VDC	7-16 VDC Regulated
Current Consumption	- Peak	100ma
Card Read Range	- Metric	50mm - 70 mm
	- USA	1.96" - 2.75"
Operating Temperature	- Metric	-25°C to +65°C
	- USA	-13°F to +149°F
Relative Humidity	- % max	90%, operating non condensing
Reader Dimensions	- Metric	84.55mm (L) x 42.95mm (W) x 20.7mm (D)
	- USA	3.33" (L) x 1.69" (W) x 0.815" (D)
Status LED's	- Colour	Green and Red
Audible Tone		Internal & external buzzer
Colour finish		Charcoal
Certifications		FCC, CE, C-tick
IP Rating		IP65
ROHS		Compliant

Prox

A 125kHz Proximity reader at a competitive price

The Miniguard range of readers is stylish as well as functional with its low profile and slimline shape, allowing easy installation on door architraves or mullions where larger readers will not fit. It can be mounted directly on a metal door frame with no adverse effect to the reader's function. A universal back plate is also available for mounting on most international standard gang boxes.

The 125kHz Proximity BM680 outputs Wiegand 26-37, 40 bits and is HID Proximity reader compatible, this model offers a quality, competitive price point where Proximity readers are required for new installations or replacements.

By its very nature, no encryption or other security features are available with 125kHz Proximity readers.

Model Features

Technology	Authentication Factors	Encode	Encryption	Sector Keys	13.56MHz Credential type and option	Output Protocol	Other		
							Tamper option	Indoor / Outdoor	Read / Write
BM	125kHz Proximity Mifare Classic DESfire Card Biometric Keypad	CSN/UID Sector Application Random UID Diversified Keys	Crypto 1 Mifare Plus 3 DES AES (optional)	MIPASS 2 MIPASS 3 Customisable	ISO14443A ISO14443B Mifare 1K & 4K Mifare Plus 2K & 4K DESfire EV1 4K & 8K	26-37,40 Bits (HID compatible) Wiegand 26-199 Bit Encrypted RS485*	Read / Write	Indoor / Outdoor	Tamper option
BM680	✓	✓	✓			✓			✓