



## General Specifications

<b>Power Requirement</b>	- VDC Regulated	7-16 VDC
<b>Current Consumption</b>	- Average	30mA
	- Peak	100mA
<b>Card Read Range</b>	- Metric	50mm - 70 mm
<b>Operating Temperature</b>	- USA	1.96" - 2.75"
	- Metric	-25°C to +65°C
<b>Relative Humidity</b>	- USA	-13°F to +149°F
	- % max	90%, operating non condensing
<b>Reader Dimensions</b>	- Metric	84.55mm (L) x 42.95mm (W) x 20.7mm (D)
	- USA	3.33" (L) x 1.69" (W) x 0.815" (D)
<b>Status LED's</b>	- Colour	Green and Red
<b>Audible Tone</b>		Internal & external buzzer
<b>Colour finish</b>		Charcoal
<b>Certifications</b>		RCM Mark AU/NZ, FCC, CE
<b>IP Rating</b>		IP65
<b>ROHS</b>		Compliant
<b>Card Format</b>		Frequency Shift Key

**A 125kHz Proximity reader at a competitive price**

Prox

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.

**Please check if retro fit 125KHz card decoding and output format before ordering.**

## Model Features

BM	Technology			Authentication Factors		Encode				Encryption			Sector Keys		13.56MHz Credential type and option				Output Protocol		Other									
	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	✓			✓			✓																	✓						✓