



Powerful, compact module - ready for custom integration

General Specifications

Power Requirement	- VDC	7-18 VDC Regulated
Current Consumption	- Average	38ma
	- Peak	80ma
Card Read Range*	- Metric	Up to 70mm
	- USA	Up to 2.76"
Operating Temperature	- Metric	-25°C to +65°C
	- USA	-13°F to +149°F
Relative Humidity	- % max	90%, operating non condensing
Reader Dimensions	- Metric	66mm (L) x 32mm (W) x 16mm (D)
	- USA	2.60" (L) x 1.26" (W) x 0.63" (D)
Status LED	- Colour	Green, Orange and Red
Audible Tone		Internal & external buzzer control
Colour finish		Black
Certifications		FCC, CE, C-tick
Indoor/outdoor		Indoor
ROHS		Compliant

M2000 (PM)

*Card/Technology dependent

The PM range of readers is not only versatile, it offers the same features as many of our other product ranges providing a reader module that can be integrated into blanking plates, machinery, vending machines and other applications. The PM range is available in several models and we can also fit the modules to your desired application.

A 125Khz PM reader compatible with HID cards and 26-37, 40 bit output is also available on application.

Model Features

PM Potted Module Range	Technology			Authentication Factors		Encode			Encryption			Sector Keys			13.56MHz Credential type and option				Output Protocol			Other								
	Mifare Classic	Mifare Plus	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	Wiegand 32 BIT	Wiegand 26-199 BIT	Encrypted RS485*	Read / Write	Indoor / Outdoor	Tamper option	
PM-25	✓			✓			✓	✓		✓	✓				✓				✓	✓				✓			✓	✓		
PM-35	✓			✓			✓	✓		✓	✓							✓	✓	✓				✓	✓	✓	✓	✓	✓	✓
PM-45		✓	✓	✓			✓	✓	✓	✓	✓	✓	✓			✓			✓	✓	✓	✓	✓				✓	✓		
PM-65	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

* Requires High Security Module (HSM) AES 128bit encryption