



Powerful, compact module - ready for building integration

General Specifications

Power Requirement	- VDC Regulated	7-18 VDC
Current Consumption	- Average	31mA
	- Peak	70mA
Card Read Range*	- Metric	Up to 70 mm
	- 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	61mm (L) x 30mm (W) x 12mm (D)
	- USA	2.40" (L) x 1.18" (W) x 0.47" (D)
Status LED	- Colour	RED/GREEN (LED Optional)
Audible Tone		Buzzer (Optional)
Colour finish		Black
Certifications		RCM Mark AU/NZ, FCC, CE
Indoor/outdoor		Indoor
ROHS		Compliant

M2000(EM)

*Card/Technology dependent

Our Lift/Elevator range of Smart Readers is not only versatile, it offers the same features as many of our other product ranges without status LEDs and with optional internal buzzer providing a reader module that can be integrated into lift/Elevator panels and other applications.

The Lift/Elevator Smart Reader range is available in several models to cater for all integration requirements.

We can also provide a 125Khz (26-37,40 bit) model if required.

Model Features

	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 Use	Tamper option	
EM-2	✓			✓			✓	✓		✓	✓				✓				✓	✓				✓			✓	✓		
EM-3	✓			✓			✓	✓		✓	✓						✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓
EM-4			✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		✓				✓	✓	✓	✓	✓			✓	✓			
EM-6	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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