



Changes for the better

Authorised Channel Partner "MANTRA"

MANTRA

Innovation that counts

SEM01 / SMF01

Stand Alone Access Control Terminal



INDUSTRIES SOLUTIONS



Education



Retail



Government



Healthcare



Hospitality



Bank



Office



Factor y

The unit is single door multifunction standalone access controller or a Wiegand output keypad or card reader. It is suitable for mounting either indoor or outdoor in harsh environments. It is housed in a strong, sturdy and vandal proof Zinc Alloy electroplated case which is available in either a bright silver or matt silver finish. The electronics are fully potted so the unit is waterproof and conforms to IP68. The inbuilt card reader supports 125KHZ EM cards, 13.56MHz Mifare cards. The unit has many extra features including lock output current short circuit protection, Wiegand output, and a backlit keypad. These features make the unit an ideal choice for door access not only for small shops and domestic households but also for commercial and industrial applications such as factories, warehouses, laboratories, banks and prisons.



RFID Card



Access Control

Technical Specification

User Capacity	2000 card
Authentication methods	Card, PIN, Card + PIN
Card Type	proximity/mifare
verification Mode	1:N, 1:1
Card Reading Distance	3-6 cm
Fast operating speed	<20ms with 2000 users
Waterproof	Conforms to IP68
Wiegand Interface	Wiegand 26 bit
Adjustable Door Relay tim	0 -99 seconds
Operating Temperature	-45°C~60°C
Operating Humidity	10%- 90% RH
Operating Voltage	DC 12V±10%
Idle Current	25±5 mA
Wiring Connections	Electric Lock, Exit Button, External reader
Zinc alloy case	Yes
Backlight keys	Yes