

ENIGMA

Desfire Magic Card Reader



Display Magic



Number Pad Magic



Standard Magic



Standard Magic

Description

- Read full 56 bits UID, Application & Files content of DesFire EV1 card
- Support 3DES & AES encrypted communication between the reader and card
- Support on-site Reader Configuration Card to change certain parameters
- Number pad use “touching sensor”, the latest technology and individual number backlit when touch
- Tamper protection
- Front plate customization and back lit design is available
- Door Bell feature
- A PIN can be set inside the card to authenticate with the reader so that “Card + PIN” mode can be implemented without relying on the controller.
- “Touch” number pad does not carry any moving parts, which implies more durable
- Weather proof design with IP65 certificate
- Metal back plate allows the reader install on metal surface and back-to-back without affecting the read range
- Universal back plate allows the reader be installed on different size of gang box
- Non-drop bottom screw made servicing handier
- All input and output signals are protected against static charges
- Reverse power protection
- Stainless steel Security screw is an option
- All inputs are 12Vdc protected

Configuration	
Re-configure Window	5 seconds (Default) or Half an hour after power up
Reader Output Format	CSN/UID 32bits, 34bits, 56bits (backward/forward), file content reading for programmed ID
Wiegand Plus Width	Different choices to fit with different Controller's requirements
Keypad Output	Definable
Buzzer Control	Reader & controller control (default) or controller control only
LED/Back lit Control	Define different LED color response base on Green LED
Technical Specifications	
Typical Read Range	2 – 3 cm
Reader Standard Output	Wiegand (RS232 & RS485 optional)
Standard Keypad Output	Wiegand with 4 bits burst
Wiring Distance	150m (22 AWG with shielded cable)
Operating Specification	
Operating Voltage	10 – 15 VDC
Operating Current	150mA (max)
Operating Temperature	-30°C - 70°C
Case Material	PC + ABS
Standard Color	Black
Operating Humidity	10% - 90%