

Magic Series III



Magic III Series Reader

Design & Technologies



Available with different technologies:

- ◆ 125KHz (EM, HID Prox, Indala)
- ◆ 13.56MHz (Mifare, Mifare Plus, DesFire, Legic, CPU, Felica & China ID card's UID)



Easily see under dark environment. Could be used as an exit indicate.



Keypad adopted "touching sensor", increase durability. Individual number backlit when touching.



Tamper protection



Support on-site Reader Configuration Card to change reader's parameters if needed.



Keypad Reader with Doorbell trigger function on "*"

User Friendly Installation



Universal back plate allows the reader installed in different size of gang box



Metal back plate allows the reader installed on metal surface and back-to back without affecting the read range



Non-drop bottom screw made installation and servicing handier



All inputs are 12Vdc protected



All input and output signals are protected against static charges



IP65 Certificate

Model Number: X₁ X₂ N₁ N₂ N₃ – N₄ X₃

RF Technologies		Reader Appearance And Function	
X ₁ X ₂	HR = 125KHz (EM & HID Prox)	N ₁	3 = Standard Reader
	MO = 125KHz (EM & Indala Prox)	N ₂	4 = Magic III M = Mini Magic III
	MW = Mifare		
	MH = Mifare & 125KHz	N ₃	2 = Read UID/ Card Number 3 = Read Sector (HF Only)
	DM = DesFire		
	LE = Legic	N ₄	9 = Terminal Wiegand and RS485 (OSDP) 0 = Pigtail Wiegand + RS485 (OSDP)
	FD = FuDan CPU		
	FS = FuDan CPU (support SM1)	X ₃	N = Without Keypad K = with Keypad
	MT = Multi-technologies		
	TH = Multi-technologies & 125KHz		

Functions Model	Mini	Standard	Keypad
Configurable Functions			
Reconfiguration 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		
Keypad Output	N/A	N/A	4bits/ 8bits/ 26bits
Buzzer Control	By Reader & Controller control (default) or Controller control only		
LED Control	Support Single LED or RED & Green LED inputs from controller		
Technical Specifications			
Read Range	2 – 8 cm (depends on the RFID technology)		
Reader Standard Output	Wiegand & OSDP		
Wiring Distance	150m (22 AWG with shielded cable)		

Operating Specification

Operating Voltage	10 - 15VDC
Operating Current	150mA (Max.)
Operating Temperature	-30°C ~ 70°C
Exterior dimension (Mini)	120*84.2*26 mm (120 x 45 x 26 mm)
Case Material	PC + ABS
Standard Color	Black
Operating Humidity	10% - 90%
Weight (Mini)	210g (Mini:TBA)