

# Magic TFT



Bluetooth is optional



## TFT Display Reader

### Design & Technologies



Available with different technologies:

- 125KHz (EM, HID Prox, WSE&Indala)
- 13.56MHz (Mifare · Mifare Plus, DesFire EV1/2/3 · Legic · Felica & Fudan CPU)
- UID of China NID card
- SSID · PS21 & Cepas



Display reader can display CSN/UID number or Programmed Card Number or programmed Name when the user card is present (**Supported Multiple Languages**)



Keypad adopted “touching sensor”, increase durability



Can display customer logo



Can display 21 characters customized scrolling message via TimeSyn software or display controller message via OSDP



Keypad Reader with Doorbell trigger function when “\*” is pressed



Support Wiegand & OSDP output (need reader configure card to configure)



Date & Time synchronize via RS485 through TimeSyn Software which run on Window



Tamper protection



Rim lit to provide more clear indication of access status

### User Friendly Installation



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



IP65 Certified for all weather installation



Non-drop bottom screw made installation and servicing handier



Reverse power protection



All input and output signals are protected against static charges

## Model Number: $X_1X_2N_1N_2N_3 - N_4 X_3$

RF Technologies		Reader Appearance And Function	
$X_1X_2$	HR = 125KHz	$N_1$	5 = Display Reader
	MW = Mifare		2 = Standard Size
	MH = Mifare & 125KHz	$N_2$	
	DM = DesFire		2 = Read UID / Card Number
	LE = Legic	$N_3$	3 = Read Sector (HF Only)
	FD = FuDan CPU		3 = Terminal
	FS = FuDan CPU (support SM1)	$N_4$	
	MT = Multi-technologies		$X_3$
	TH = Multi-technologies & 125KHz	K = with Keypad	
	MO = Indala		

Model Functions	Standard	Keypad Reader
<b>Configurable Functions</b>		
Reconfiguration Window	5 seconds (default) or half an hour after power up	
Reader Output Format	CSN/UID 32bits, 34bits, 56bits ,64bits (backward / forward), file content reading for programmed ID	
Keypad Output	N/A	4bits / 8bits / 26bits
Buzzer Control	By Reader & Controller control (default) or Controller control only	
Rim lit Control	Different LED colors : Blue(defaultly white) / Red / Green is control by controller	
Display Clock Synchronization	<ul style="list-style-type: none"> <li>H/W reset</li> <li>Via RS485 with TimeSyn S/W</li> <li>OSDP</li> </ul>	
<b>Technical Specifications</b>		
Read Range	2 - 8 cm (depends on the RFID technology)	
Reader Standard Output	Wiegand & OSDP	
Wiring Distance	Wiegand:150m (22 AWG with shielded cable) OSDP:1200m (22 AWG with shielded cable)	
Display Message	<ul style="list-style-type: none"> <li>Access Granted / Access Denied / Enter PIN</li> <li>Time</li> <li>Card Number</li> </ul>	
TFT Display	Screen size: 2.4 inches Resolution: 240*320	

### Operating Specification

Operating Voltage	10 - 24VDC
Operating Current	200mA (Max)
Operating Temperature	-20°C ~ 70°C
Exterior dimension	120*85*26mm
Case Material	PC + ABS
Standard Color	Black / white
Operating Humidity	10% - 90%
Weight	170g