

# Operation Instructions

Make your choice...

## M-206F Waterproof One-door Access Controller



### 1 Technical Parameter

Operating voltage:	DC 12V±10%	Relative humidity:	20%~80%
Operating current:	< 100mA	Storage:	2000users
Dimensions:	U100:110mm×50mm×20mm	Card type (alternative):	EM(ID) card(IC card for options)
Weight:	U200:580g;	Card reading distance:	1~15CM
Ambient temperature:	0°C - 60°C	Waterproof:	IP65

### 2 How to use Manager Card – MAC&MDC

To add a card user in standby mode: **read MAC** **read new cards** **read MAC**

To delete a card user in standby mode: **read MDC** **read registered cards** **read MDC**

To delete all users in standby mode: **read MDC** **read MAC** **read MDC**

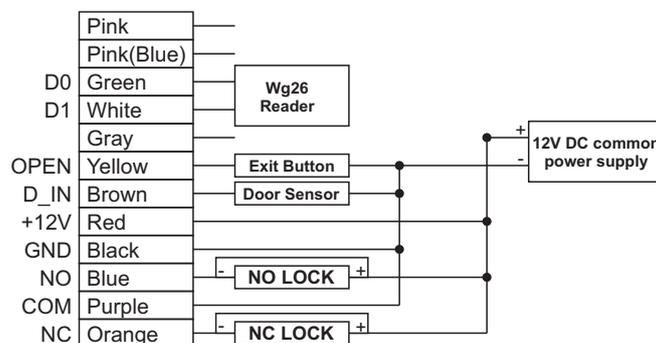
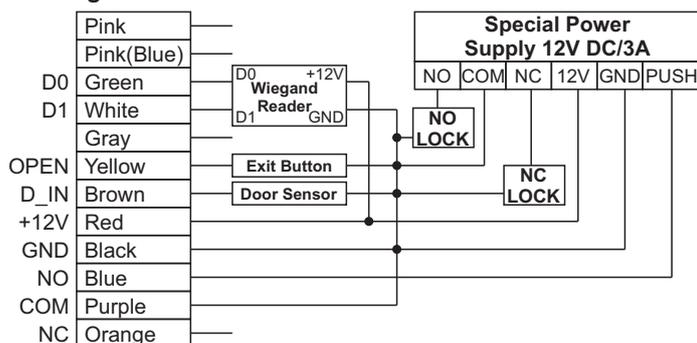
To Recover recently deleted all user cards: **read MAC** **read MDC** **read MAC**

### 3 Installations Guide

#### 3.1 Wire Connection:

NO	1	2	3	4	5	6	7	8	9	10	11	12
<b>Mark</b>	Unused	Unused	D0	D1	Unused	OPEN	D_IN	12V+	GND	NO	COM	NC
<b>Color</b>	Pink	Pink Blue	Green	White	Grey	Yellow	Brown	Red	Black	Blue	Purple	Orange
<b>Function</b>	Unused	Unused	WG DATA0	WG DATA1	Unused	Exit Button	Door Contact	Power+	Power-	Relay NO output	Relay COM output	Relay NC output

#### 3.2 Diagram



### 4 IR Remote Control Programming

To enter the programming mode	* <b>Master code #</b> 666666 is the default factory master code	To delete a card user by card . Note users can be deleted continuously without exiting programming mode	<b>3 Read Card #</b>
To exit from the programming mode	*	To delete a card user by card number	<b>3 8 /10 digits Card number #</b>
To Set master cards	<b>0 Read Card1 # Read Card2 #</b> Card1 is master add card, Card2 is master delete card.	To delete ALL users. Note that this is a dangerous option so use with care	<b>4 3 000 #</b>
<b>Note that to undertake the following programming the master user must be logged in.</b>		Open door one time	<b>4 #</b>
To change the master code	<b>1 New code # Repeat New code #</b> The master code is any1- 6 digits number	To set door relay strike time	<b>5 1~9 #</b> The door relay time is between 1~9 seconds, the factory default setting is 5 seconds.
<b>To Add Users</b>		Door often open	<b>5 #</b> Press * <b>read valid card</b> will exit
To add a card user (Method 1) This is the fast way to enter cards using ID number auto generation.	<b>2 Read user card #</b> Cards can be added continuously without exiting programming mode <b>2 Read card 1 Read card 2 ... #</b>	Door often Close	<b>6 #</b>
To add card user(Method2)	<b>2 8/10 digits Card number # ...</b> <b>8/10 digits Card number #</b> The 8 digits card number is the last 8digits on the card. The 10digits card number is the first 10digits on the card.	Start-up Door Sensor Alarm	<b>7 #</b> Low level alarm, the factory default is closed
		Start-up Door Sensor Alarm	<b>8 #</b> High level alarm, the factory default is closed
		Exit Door Sensor Alarm	<b>9 #</b>
		To Reset to Factory Default	<b>33 #</b> The controller returns to the factory parameters, users will not be deleted.