		 > Support door bell connection(Zone 2) > 12-24V DC/12-18V AC power input > Two-year warranty 4. Specifications Operating Voltage 12-24V DC/12-18V AC User Capacity 1200 User Capacity 1200 Keypad 12 keys, 2 x 6 digits (W1-A) T2 keys, 3 x 4 digits (W3-A) Card Type EM card Card Reading Distance 3-6 cm PIN length 4-8 digits Active Current 60mA Idle Current 25±5 mA 	6. Wiring	White Cold Constraint Constraint	Zone2 unlock - Power on Bright Stand by Shines slowly slowly Press keypad - Operation successful - Operation failed -	- Bright Short Ring - - Long Ring - - - - - - - - Short Ring - - Short Ring - Bright Long Ring - - 3 Short Rings	To set user for Zone 1 (3 1 2 #)		
OR-ZS-804 OR-ZS-802							or the device will give a bleep as error. But it is ok to enr Factory default setting: Card or PIN mode	rolled already, you can not add it again on the same zone, roll the same card or PIN for the both zones	
123 456 789 *0#					In the programming mode Bright Exit from the programming mode slowly	ming mode Bright Bright ogramming mode Shines slowly Long Ring		exception of 1234 which is reserved. Users can be added continuously without exiting programming mode as follows: 1 UserIDNo1 # PIN # UserIDNo2 # PIN #	
		Lock Output Load Max 2A Alarm Output Load Max 20A Operating Temperature -40°C -60°C Operating Humidity 5% - 95% RH	Grey & Black GND Negative Pole Grey Alarm - Alarm Negative Yellow & Black OPEN2 Request to Exit Button of Zone 2 Yellow OPEN1 Request to Exit Button of Zone 1	7. Relay operation (Pulse mode and Toggle mode) Both of the two relays on board can operate in Pulse Mode	Alarm Shines quickly	Alarm	To delete a PIN user	2 User ID number # Users can be deleted continuously without exiting programming mode	
	3. Features > Waterproof, conforms to IP68 > Strong zinc alloy electroplated anti-vandal case > Two-relay operation	Environment Conforms to IP68 Adjustable Door Relay time 1-99 seconds Adjustable Alarm Time 0-3 minutes	Brown D_IN Door Status Detecting Red AC&DC 12-24V DC/12-18V AC Power Input Black AC&DC 12-24V DC/12-18V AC Power Input Blue& Black NO2 12-24V DC/12-18V AC Power Input	(suitable for access control) or Toggle Mode (suitable for arming/disarming alarms, switching lights, machinesetc)	Deta 11.1 User Settings	ailed Programming Guide	To change the PIN of a PIN user (Note: This step must be done out of programming mode)	User ID number # [Old PIN # New PIN #] New PIN #]	
	 > Both of the 2 relays can be programmed for 3 modes: Card, PIN, Card + PIN > 1200 users > Zone 1: up to 1100 PIN & Card holders 	Wiring Connections D O TL_External Alarm L135xW58xH26mm (W1-A) L135xW58xH26mm (W1-A) Dimensions L128xW82xH28mm (W3-A) Net Weight 650 g	White&Black COM2 Green& Black NC2 Blue NO1 White COM1	Everytime a valid card/tag read or valid PIN input in Pulse Mode, the relay will operate, for the pre-set relay pulse time. Everytime a valid card/tag read or valid PIN input in Toggle Mode, the relay changes state, which will not turn back until	To enter the programming mode To exit from the programming mode Note: All the steps below must be done after entering into 1	Master code # 888888 is the default factory master code * the programming mode	To add a card user (Method 1) This is an easy way to enter cards with auto-generated ID numbers The ID number will start from 1 if no user has been programmed	1 Read Card) # Cards can be added continuously without exiting programming mode	
User Manual	> Zone 2: up to 100 PIN & Card holders	Gross Weight 800 g	Green NC1 03	read card or input PIN again.			07	08	
		To change a PIN in card and PIN mode (Method 1)		Toggle mode		To enable the keypad tone	8 6 # (Factory default setting)	Quick Refe	erence Programming Guide
This is the alternative way to enter cards using user ID allocation. In this method a user ID is allocated to a card.	1 User ID number # Card # The ID number can be any number between 1-1100	Note that this is done outside programming mode so the user can undertake this themselves	* Read card Old PIN # New PIN # New PIN #	Toggle mode Toggle mode	For Zone 1: 4 1 0 # For Zone 2: 4 2 0 #	To disable keypad tone Change Zone 2 to Door Bell		To enter the programming mode	erence Programming Guide * Master code # 888888 is the default factory master code *
This is the alternative way to enter cards using user ID allocation. In this method a user ID is allocated to a card. Only one user ID can be allocated to a single card To add a series cards users-Block Enrollment The card number must be consecutive (This operation is only	The ID number can be any number between 1-1100 5 [User ID number] # 8 digits Card number] # [Card quantity] # Card quantity is between 1-1100 of the 8 digits card number, it is the last 8 digits onthe card Maximum 1100 cards can be	Note that this is done outside programming mode so the user can undertake this themselves To change a PIN in card and PIN mode (Method 2) Note that this is done outside programming mode so the user can undertake this themselves	* User ID number # Old PIN # New PIN # New PIN #		For Zone 2: 4 2 0 #	To disable keypad tone Change Zone 2 to Door Bell When no need to operate a second door, Zone 2 can be s door bell to COM2 and NO2. Press #, the keypad will sen	et to operate the Door Bell. The wiring is connecting the d the signal to the door bell	To enter the programming mode To exit from the programming mode Note that to undertake the following programming the	Master code # 888888 is the default factory master code *
This is the alternative way to enter cards using user ID allocation. In this method a user ID is allocated to a card. Only one user ID can be allocated to a single card To add a series cards users-Block Enrollment The card number must be consecutive (This operation is only for Zone 1) To delete card users by cards Note: Users can be deleted continuously without exiting	The ID number can be any number between 1-1100 5 User ID number # 8 digits Card number # Card quantity # Card quantity is between 1-1100 Of the 8 digits card number, it is the last 8 digits onthe card Maximum 1100 cards can be enrolled at a stretch within 1 minute 2 Read Card # The device can automatically identify the card of 1 <th>Note that this is done outside programming mode so the user can undertake this themselves To change a PIN in card and PIN mode (Method 2) Note that this is done outside programming mode so the</th> <th>Vuser ID number # Old PIN # New PIN # New PIN # 2 Read card # or 2 User ID # ion is the same as Zone 1 by card)</th> <th>Toggle mode 11.3 Door Detection, Alarm, Acc Door Open Detection Door Open Too Long (DOTL) warning. When used with an o of the lock, if the door is opened normally, but not closed a to remind people to close the door and continue for 1 minu</th> <th>For Zone 2: 4 2 0 # ustic Signal, Door Bell Settings btional magnetic contact or built-in magnetic contact ter 1 minute, the inside buzzer will beep automatically te before switching off automatically.Door Forced</th> <th>To disable keypad tone Change Zone 2 to Door Bell When no need to operate a second door, Zone 2 can be s door bell to COM2 and NO2. Press #, the keypad will sen Zone 2 Doorbell To remove the alarm</th> <th>8 7 # et to operate the Door Bell. The wiring is connecting the d the signal to the door bell 8 8 8 # (Factory default) 8 8 9 #</th> <th>To enter the programming mode To exit from the programming mode Note that to undertake the following programming the To change the master code To add a PIN user</th> <th>Master code # 888888 is the default factory master code s master user must be logged in O New code # New code # The master code is any 6 digits For Zone1: 1 User ID Number # PIN # For Zone2: 1 User ID Number # PIN #</th>	Note that this is done outside programming mode so the user can undertake this themselves To change a PIN in card and PIN mode (Method 2) Note that this is done outside programming mode so the	Vuser ID number # Old PIN # New PIN # New PIN # 2 Read card # or 2 User ID # ion is the same as Zone 1 by card)	Toggle mode 11.3 Door Detection, Alarm, Acc Door Open Detection Door Open Too Long (DOTL) warning. When used with an o of the lock, if the door is opened normally, but not closed a to remind people to close the door and continue for 1 minu	For Zone 2: 4 2 0 # ustic Signal, Door Bell Settings btional magnetic contact or built-in magnetic contact ter 1 minute, the inside buzzer will beep automatically te before switching off automatically.Door Forced	To disable keypad tone Change Zone 2 to Door Bell When no need to operate a second door, Zone 2 can be s door bell to COM2 and NO2. Press #, the keypad will sen Zone 2 Doorbell To remove the alarm	8 7 # et to operate the Door Bell. The wiring is connecting the d the signal to the door bell 8 8 8 # (Factory default) 8 8 9 #	To enter the programming mode To exit from the programming mode Note that to undertake the following programming the To change the master code To add a PIN user	Master code # 888888 is the default factory master code s master user must be logged in O New code # New code # The master code is any 6 digits For Zone1: 1 User ID Number # PIN # For Zone2: 1 User ID Number # PIN #
To add a card user (Method 2) This is the alternative way to enter cards using user ID allocation. In this method a user ID is allocated to a card. Only one user ID can be allocated to a single card To add a series cards users- Block Enrollment The card number must be consecutive (This operation is only for Zone 1) To delete card users by cards Note: Users can be deleted continuously without exiting programming mode To delete Card users by user ID This option can be used when a user has lost their card	The ID number can be any number between 1-1100 5 User ID number) # 8 digits Card number # Card quantity # Card quantity is between 1-1100 Of the 8 digits card number, it is the last 8 digits onthe card Maximum 1100 cards can be enrolled at a stretch within 1 minute 2 Read Card [# The device can automatically identify the card of Zone 1 or Zone 2 2 User ID #	Note that this is done outside programming mode so the user can undertake this themselves To change a PIN in card and PIN mode (Method 2) Note that this is done outside programming mode so the user can undertake this themselves To delete a Card and PIN user just delete the card To set users for Zone 2 (3 2 1 #)The operation	Vuser ID number # Old PIN # New PIN # New PIN # Read card # or 2 User ID # ion is the same as Zone 1	Toggle mode 11.3 Door Detection, Alarm, Acc Door Open Detection Door Open Too Long (DOTL) warning. When used with an o of the lock, if the door is opened normally, but not closed a	For Zone 2: 4 2 0 # ustic Signal, Door Bell Settings bional magnetic contact or built-in magnetic contact ter 1 minute, the inside buzzer will beep automatically te before switching off automatically.Door Forced ct or built-in magnetic contact of the lock, if the door if the electro-mechanical lock not closed properly, the	To disable keypad tone Change Zone 2 to Door Bell When no need to operate a second door, Zone 2 can be s door bell to COM2 and NO2. Press #, the keypad will sen Zone 2 Doorbell	8 7 # # et to operate the Door Bell. The wiring is connecting the d the signal to the door bell 8 8 8 8 8 8 8 7	To enter the programming mode To exit from the programming mode Note that to undertake the following programming the To change the master code	Master code # 888888 is the default factory master code master user must be logged in O New code # New code # The master code is any 6 digits For Zone1: 1 User ID Number # PIN #
This is the alternative way to enter cards using user ID allocation. In this method a user ID is allocated to a card. Only one user ID can be allocated to a single card To add a series cards users- Block Enrollment The card number must be consecutive (This operation is only for Zone 1) To delete card users by cards Note: Users can be deleted continuously without exiting programming mode To delete Card users by user ID This option can be used when a user has lost their card To delete Card users by card number	The ID number can be any number between 1-1100 5 [User ID number] # [8 digits Card number] # [Card quantity # Card quantity is between 1-1100 Of the 8 digits card number, it is the last 8 digits onthe card Maximum 1100 cards can be enrolled at a stretch within 1 minute 2 [Read Card] # The device can automatically identify the card of Zone 1 or Zone 2	Note that this is done outside programming mode so the user can undertake this themselves To change a PIN in card and PIN mode (Method 2) Note that this is done outside programming mode so the user can undertake this themselves To delete a Card and PIN user just delete the card To set users for Zone 2 (3 2 1 #) The operatil Card only Mode(in this mode, users can only be valid to set Card user only To delete ALL users	Vuser ID number # Old PIN # New PIN # New PIN # Read card # or 2 User ID # ion is the same as Zone 1 by card) 3 1 0 #, Zone 1 3 2 0 #, Zone 2 Entry is by Card only	Toggle mode 11.3 Door Detection, Alarm, Acc Door Open Detection Door Open Too Long (DOTL) warning. When used with an o of the lock, if the door is opened normally, but not closed a to remind people to close the door and continue for 1 minu Open warning. When used with an optional magnetic conta is forced open, or if the door is opened after 120 seconds c inside buzzer and alarm output will both operate. The Alarr the default being 1 minutes. To disable door open detection (Factory default setting)	For Zone 2: 4 2 0 # ustic Signal, Door Bell Settings bitonal magnetic contact or built-in magnetic contact ter 1 minute, the inside buzzer will beep automatically te before switching off automatically.Door Forced ct or built-in magnetic contact of the lock, if the door of the electro-mechanical lock not closed properly, the n Output time is adjustable between 1–3 minutes with 6 0 # For Zone 1: 6 1 #	To disable keypad tone Change Zone 2 to Door Bell When no need to operate a second door, Zone 2 can be s door bell to COM2 and NO2. Press #, the keypad will sen Zone 2 Doorbell To remove the alarm To remove the door forced open warning	8 7 # et to operate the Door Bell. The wiring is connecting the d the signal to the door bell 8 8 8 # (Factory default) 8 9 # Read valid card_ or Master code #	To enter the programming mode To exit from the programming mode <i>Note that to undertake the following programming the</i> To change the master code To add a PIN user The PIN is any 4-8 digits between 0000-99999999 with the exception	 Master code # 888888 is the default factory master code master user must be logged in 0 New code # New code # The master code is any 6 digits For Zone1: 1 User ID Number # PIN # For Zone2: 1 User ID Number # PIN # The ID number is any number between 1-1100 for Zone1 and any number between 1101-1200for Zone 2 Users can be added continuously without exiti programming mode For Zone 1: 1 Read Card # For Zone 2: 5 Read Card #
This is the alternative way to enter cards using user ID allocation. In this method a user ID is allocated to a card. Only one user ID can be allocated to a single card To add a series cards users-Block EnrolIment The card number must be consecutive (This operation is only for Zone 1) To delete card users by cards Note: Users can be deleted continuously without exiting programming mode To delete Card users by user ID This option can be used when a user has lost their card To delete Card users by card number To set user for Zone 2 (3 2 2 #) To set PIN user for Zone 2 is the same as Zone 1, only the ID To set Card user for Zone 2 is the same as Zone 1, with the user for Zone 2 is the same as Z	 The ID number can be any number between 1-1100 5 User ID number) # 8 digits Card number] # Card quantity # Card quantity is between 1-1100 Of the 8 digits card number, it is the last 8 digits onthe card Maximum 1100 cards can be enrolled at a stretch within 1 minute 2 Read Card # The device can automatically identify the card of Zone 1 or Zone 2 2 User ID # 9 Input 8 digits card number] # Cards can be deleted continuously without exiting from programming mode 	Note that this is done outside programming mode so the user can undertake this themselves To change a PIN in card and PIN mode (Method 2) Note that this is done outside programming mode so the user can undertake this themselves To delete a Card and PIN user just delete the card To set users for Zone 2 (3 2 1 #)The operation Card only Mode (in this mode, users can only be valid to be a card user only	* User ID number # Old PIN # New PIN # New PIN # 2 Read card # or 2 User ID # ion is the same as Zone 1	Toggle mode 11.3 Door Detection, Alarm, Acc Door Open Detection Door Open Too Long (DOTL) warning. When used with an optional magnetic contains to remind people to close the door and continue for 1 minu Open warning. When used with an optional magnetic contains is forced open, or if the door is opened after 120 seconds conside buzzer and alarm output will both operate. The Alart the default being 1 minutes. To disable door open detection (Factory default setting) To enable door open detection Keypad lockout & alarm output options	For Zone 2: 4 2 0 # ustic Signal, Door Bell Settings ptional magnetic contact or built-in magnetic contact fter 1 minute, the inside buzzer will beep automatically te before switching off automatically.Door Forced ct or built-in magnetic contact of the lock, if the door ft he electro-mechanical lock not closed properly, the n Output time is adjustable between 1–3 minutes with 6 0 For Zone 1: 1 f 2 You can enable the door open detection of only one Zone	To disable keypad tone Change Zone 2 to Door Bell When no need to operate a second door, Zone 2 can be s door bell to COM2 and NO2. Press #, the keypad will sen Zone 2 Doorbell To remove the alarm To remove the door forced open warning	8 7 # et to operate the Door Bell. The wiring is connecting the d the signal to the door bell 8 8 8 # (Factory default) 8 9 # Read valid card_ or Master code #	To enter the programming mode To exit from the programming mode <i>Note that to undertake the following programming the</i> To change the master code To add a PIN user The PIN is any 4-8 digits between 0000-99999999 with the exception of 1234 which is reserved	Master code # 888888 is the default factory master code master user must be logged in O New code # New code # The master code is any 6 digits For Zone1: 1 User ID Number # PIN # For Zone2: 1 User ID Number # PIN # The ID number is any number between 1101-1200for Zone1 and any number between 1101-1200for Zone2 Users can be added continuously without exiti programming mode For Zone 1: 1 Read Card # For Zone 2: 5 Read Card # Cards can be added continuously without exiting programming mode 2 User ID number # for a PIN user
This is the alternative way to enter cards using user ID allocation. In this method a user ID is allocated to a card. Only one user ID can be allocated to a single card To add a series cards users-Block Enrollment The card number must be consecutive (This operation is only for Zone 1) To delete card users by cards Note: Users can be deleted continuously without exiting programming mode To delete Card users by user ID This option can be used when a user has lost their card To delete Card users by card number To set user for Zone 2 (3 2 2 4) (#) To set PIN user for Zone 2 is the same as Zone 1, only the ID	The ID number can be any number between 1-1100 5 User ID number # 8 digits Card number # Card quantity # Card quantity is between 1-1100 Of the 8 digits card number, it is the last 8 digits onthe card Maximum 1100 cards can be enrolled at a stretch within 1 minute 2 Read Card # The device can automatically identify the card of Zone 1 or Zone 2 2 User ID # 9 Input 8 digits card number # Cards can be deleted continuously without exiting from programming mode 0 number is 1101-1200 for Zone 2. exception of adding Card users with auto-generated ID numbers 5 Read card #	Note that this is done outside programming mode so the user can undertake this themselves To change a PIN in card and PIN mode (Method 2) Note that this is done outside programming mode so the user can undertake this themselves To delete a Card and PIN user just delete the card To set users for Zone 2 (3 2 1 #) The operatil Card only Mode(in this mode, users can only be valid the transmitted of	* User ID number # Old PIN # New PIN # New PIN # 2 Read card # or 2 User ID # ion is the same as Zone 1 by card) 3 1 0 #, Zone 1 3 2 0 #, Zone 2 Entry is by Card only	Toggle mode 11.3 Door Detection, Alarm, Acc Door Open Detection Door Open Too Long (DOTL) warning. When used with an o of the lock, if the door is opened normally, but not closed a to remind people to close the door and continue for 1 minu Open warning. When used with an optional magnetic conta is forced open, or if the door is opened after 120 seconds c inside buzzer and alarm output will both operate. The Alari the default being 1 minutes. To disable door open detection (Factory default setting) To enable door open detection	For Zone 2: 4 2 0 # ustic Signal, Door Bell Settings bitonal magnetic contact or built-in magnetic contact ter 1 minute, the inside buzzer will beep automatically te before switching off automatically.Door Forced ct or built-in magnetic contact of the lock, if the door if the electro-mechanical lock not closed properly, the n Output time is adjustable between 1–3 minutes with 6 0 For Zone 1: 1 # For Zone 2: You can enable the door open detection of only one Zone in a 10 minute period either the keypad will lockout for	To disable keypad tone Change Zone 2 to Door Bell When no need to operate a second door, Zone 2 can be s door bell to COM2 and NO2. Press #, the keypad will sen Zone 2 Doorbell To remove the alarm To remove the door forced open warning	8 7 # et to operate the Door Bell. The wiring is connecting the d the signal to the door bell 8 8 8 # (Factory default) 8 9 # Read valid card_ or Master code #	To enter the programming mode To exit from the programming mode <i>Note that to undertake the following programming the</i> . To change the master code To add a PIN user The PIN is any 4-8 digits between 0000-99999999 with the exception of 1234 which is reserved To add a card To add a card To delete a PIN or a card user	 Master code # 888888 is the default factory master code Master user must be logged in New code # New code # The master code is any 6 digits For Zone1: 1 User ID Number # PIN # For Zone2: 1 User ID Number # PIN # The ID number is any number between 1-1100 for Zone1 and any number between 1101-1200for Zone 2 Users can be added continuously without exiti programming mode For Zone 1: 1 Read Card # For Zone 2: 5 Read Card # Cards can be added continuously without exiting programming mode
This is the alternative way to enter cards using user ID Illocation. In this method a user ID is allocated to a card. Only one user ID can be allocated to a single card To add a series cards users-Block Enrollment The card number must be consecutive (This operation is only or Zone 1) To delete card users by cards lote: Users can be deleted continuously without exiting programming mode To delete Card users by user ID This option can be used when a user has lost their card To delete Card users by card number To set user for Zone 2 (3 2 2 #) To set PIN user for Zone 2 is the same as Zone 1, only the ID To set Card user for Zone 2 is the same as Zone 1, with the Method 1) as below	The ID number can be any number between 1-1100 5 User ID number) # 8 digits Card number # Card quantity # Card quantity is between 1-1100 Of the 8 digits card number, it is the last 8 digits onthe card Maximum 1100 cards can be enrolled at a stretch within 1 minute 2 [Read Card # The device can automatically identify the card of Zone 1 or Zone 2 2 User ID # 9 [nput 8 digits card number] # Cards can be deleted continuously without exiting from programming mode 0 number is 1101-1200 for Zone 2. exception of adding Card users with auto-generated ID numbers 5 Read card #	Note that this is done outside programming mode so the user can undertake this themselves To change a PIN in card and PIN mode (Method 2) Note that this is done outside programming mode so the user can undertake this themselves To delete a Card and PIN user just delete the card To set users for Zone 2 (3 2 1 #) The operatil Card only Mode(in this mode, users can only be valid the transmitted of the	* User ID number # Old PIN # New PIN # New PIN # 2 Read card # or 2 User ID # ion is the same as Zone 1 by card) 3 1 0 #, Zone 1 3 2 0 #, Zone 2 Entry is by Card only	Toggle mode 11.3 Door Detection, Alarm, Acc Door Open Detection Door Open Too Long (DOTL) warning. When used with an optional magnetic contains to remind people to close the door and continue for 1 minu Open warning. When used with an optional magnetic contains forced open, or if the door is opened after 120 seconds conside buzzer and alarm output will both operate. The Alart the default being 1 minutes. To disable door open detection (Factory default setting) To enable door open detection Keypad lockout & alarm output options If there are 10 invalid cards or 10 incorrect PIN numbers 10 minutes or the alarm will operate , depending on the Normal status: No keypad lockout or alarm	For Zone 2: 4 2 0 # ustic Signal, Door Bell Settings btional magnetic contact or built-in magnetic contact fter 1 minute, the inside buzzer will beep automatically te before switching off automatically.Door Forced ct or built-in magnetic contact of the lock, if the door if the electro-mechanical lock not closed properly, the n Output time is adjustable between 1–3 minutes with 6 0 For Zone 1: 1 f 2 You can enable the door open detection of only one Zone in a 10 minute period either the keypad will lockout for option selected below	To disable keypad tone Change Zone 2 to Door Bell When no need to operate a second door, Zone 2 can be s door bell to COM2 and NO2. Press #, the keypad will sen Zone 2 Doorbell To remove the alarm To remove the door forced open warning	8 7 # et to operate the Door Bell. The wiring is connecting the d the signal to the door bell 8 8 8 # (Factory default) 8 9 # Read valid card_ or Master code #	To enter the programming mode To exit from the programming mode Note that to undertake the following programming the To change the master code To add a PIN user The PIN is any 4-8 digits between 0000-99999999 with the exception of 1234 which is reserved To add a card To delete a PIN or a card user To Unlock the door for Zone 1 or Zone 2 To Unlock the door for a PIN user	Master code # 888888 is the default factory master code master user must be logged in O New code # New code # The master code is any 6 digits For Zone1: 1 User ID Number # PIN # For Zone2: 1 User ID Number # PIN # The ID number is any number between 1-1100 for Zone1 and any number between 1-100 for Zone 2 Users can be added continuously without exit programming mode For Zone 1: 1 Read Card # For Zone 2: 5 Read Card # Cards can be added continuously without exiting programming mode 2 User ID number # for a PIN user 2 Read Card # for a card user Users can be deleted continuously without exiting programming mode Enter the PIN then press #
his is the alternative way to enter cards using user ID llocation. In this method a user ID is allocated to a card. Inly one user ID can be allocated to a single card o add a series cards users-Block Enrollment he card number must be consecutive (This operation is only or Zone 1) o delete card users by cards lote: Users can be deleted continuously without exiting rogramming mode o delete Card users by user ID his option can be used when a user has lost their card o delete Card users by card number o set user for Zone 2 (3 2 2 #) o set PIN user for Zone 2 is the same as Zone 1, only the ID o set Card users (Method 1) Auto-generated ID numbers add Card Users (Method 1) Auto-generated ID numbers card and PIN Mode	The ID number can be any number between 1-1100 5 User ID number) # 8 digits Card number # Card quantity # Card quantity is between 1-1100 Of the 8 digits card number, it is the last 8 digits onthe card Maximum 1100 cards can be enrolled at a stretch within 1 minute 2 [Read Card # The device can automatically identify the card of Zone 1 or Zone 2 2 User ID # 9 Input 8 digits card number # Cards can be deleted continuously without exiting from programming mode 0 number is 1101-1200 for Zone 2. exception of adding Card users with auto-generated ID numbers 5 Read card # Card can be added continuously without	Note that this is done outside programming mode so the user can undertake this themselves To change a PIN in card and PIN mode (Method 2) Note that this is done outside programming mode so the user can undertake this themselves To delete a Card and PIN user just delete the card To set users for Zone 2 (3 2 1 #)The operatil Card only Mode(in this mode, users can only be valid the transmoster) To delete ALL users Note: This is a dangerous option, so use with care To unlock the door (or change relay state) For a Card User For a card and PIN user 11.2 Relay Setting (Provide)	Vuser ID number # Old PIN # New PIN # New PIN # 2 Read card # or 2 User ID # ion is the same as Zone 1 by card) 3 1 0 #, Zone 1 3 2 0 #, Zone 2 Entry is by Card only Delete all users of Zone 1: 2 0000 # Delete all users of Zone 2: 9 0000 # Enter the PIN then press # Read card	Toggle mode 11.3 Door Detection, Alarm, Acc Door Open Detection Door Open Too Long (DOTL) warning. When used with an o of the lock, if the door is opened normally, but not closed a to remind people to close the door and continue for 1 minu Open warning. When used with an optional magnetic conta is forced open, or if the door is opened after 120 seconds of inside buzzer and alarm output will both operate. The Alarn the default being 1 minutes. To disable door open detection (Factory default setting) To enable door open detection Keypad lockout & alarm output options If there are 10 invalid cards or 10 incorrect PIN numbers 10 minutes or the alarm will operate , depending on the Normal status: No keypad lockout or alarm Keypad Lockout Alarm output Alarm Output time To set the alarm output time(1~3 minutes)Factory	For Zone 2: 4 2 0 # ustic Signal, Door Bell Settings betional magnetic contact or built-in magnetic contact iter 1 minute, the inside buzzer will beep automatically te before switching off automatically. Door Forced ct or built-in magnetic contact of the lock, if the door f the electro-mechanical lock not closed properly, the m Output time is adjustable between 1–3 minutes with 6 0 # For Zone 2: 6 2 # You can enable the door open detection of only one Zone in a 10 minute period either the keypad will lockout for option selected below 7 0 7 0 7 0	To disable keypad tone Change Zone 2 to Door Bell When no need to operate a second door, Zone 2 can be s door bell to COM2 and NO2. Press #, the keypad will sen Zone 2 Doorbell To remove the alarm To remove the door forced open warning	8 7 # et to operate the Door Bell. The wiring is connecting the d the signal to the door bell 8 8 8 # (Factory default) 8 9 # Read valid card_ or Master code #	To enter the programming mode To exit from the programming mode Note that to undertake the following programming the To change the master code To add a PIN user The PIN is any 4-8 digits between 0000-99999999 with the exception of 1234 which is reserved To add a card To delete a PIN or a card user To Unlock the door for Zone 1 or Zone 2	Master code # 888888 is the default factory master code master user must be logged in 0 New code # New code # The master code is any 6 digits For Zone1: User ID Number # PIN # For Zone2: User ID Number # PIN # The ID number is any number between 1+1100 for Zone1 and any number between 1+01-1200for Zone 2 Users can be added continuously without exiting programming mode For Zone 1: Read Card # Cards can be added continuously without exiting programming mode 2 User ID number # for a PIN user 2 Read Card # for a card user Users can be deleted continuously without exiting programming mode
This is the alternative way to enter cards using user ID allocation. In this method a user ID is allocated to a card. Only one user ID can be allocated to a single card To add a series cards users-Block Enrollment The card number must be consecutive (This operation is only for Zone 1) To delete card users by cards Note: Users can be deleted continuously without exiting programming mode To delete Card users by user ID This option can be used when a user has lost their card To delete Card users by card number To set user for Zone 2 (3 2 2 #) To set PIN user for Zone 2 is the same as Zone 1, only the ID To set Card user for Zone 2 is the same as Zone 1, with the (Method 1) as below	The ID number can be any number between 1-1100 5 User ID number # 8 digits Card number # Card quantity # Card quantity is between 1-1100 Of the 8 digits card number, it is the last 8 digits onthe card Maximum 1100 cards can be enrolled at a stretch within 1 minute 2 [Read Card # The device can automatically identify the card of Zone 1 or Zone 2 2 User ID # 9 Input 8 digits card number # Cards can be deleted continuously without exiting from programming mode D 0 number is 1101-1200 for Zone 2. exception of adding Card users with auto-generated ID numbers 5 <u>5 Read card #</u> Card can be added continuously without exiting programming mode Add the card as for a card user Press to exit from the programming mode Then allocate the card a PIN as	Note that this is done outside programming mode so the user can undertake this themselves To change a PIN in card and PIN mode (Method 2) Note that this is done outside programming mode so the user can undertake this themselves To delete a Card and PIN user just delete the card To set users for Zone 2 (3 2 1 #)The operatil Card only Mode(in this mode, users can only be valid the time of time of the time of time of the time of time of time of the time of t	* User ID number # Old PIN # New PIN # New PIN # 2 Read card # or 2 User ID # ion is the same as Zone 1 by card) 3 1 0 #, Zone 1 3 2 0 #, Zone 2 Entry is by Card only Delete all users of Zone 1: 2 0000 # Delete all users of Zone 2: 9 0000 # Enter the PIN then press # Read card Read card Read card User mode, Toggle mode)	Toggle mode 11.3 Door Detection, Alarm, Acc Door Open Detection Door Open Too Long (DOTL) warning. When used with an o of the lock, if the door is opened normally, but not closed a to remind people to close the door and continue for 1 minu Open warning. When used with an optional magnetic conta is forced open, or if the door is opened after 120 seconds of inside buzzer and alarm output will both operate. The Alari the default being 1 minutes. To disable door open detection (Factory default setting) To enable door open detection Keypad lockout & alarm output options If there are 10 invalid cards or 10 incorrect PIN numbers 10 minutes or the alarm will operate , depending on the Normal status: No keypad lockout or alarm Keypad Lockout Alarm output Alarm output Alarm Output time To set the alarm output time(1~3 minutes)Factory defaul is 1 minute Keypad Tone The keypad tone can be set on or off. When on, the device	For Zone 2: 4 2 0 # ustic Signal, Door Bell Settings bitonal magnetic contact or built-in magnetic contact ter 1 minute, the inside buzzer will beep automatically te before switching off automatically.Door Forced ct or built-in magnetic contact of the lock, if the door f the electro-mechanical lock not closed properly, the n Output time is adjustable between 1–3 minutes with 6 0 # For Zone 1: 1 # You can enable the door open detection of only one Zone in a 10 minute period either the keypad will lockout for potion selected below 7 0 # 7 2 # 8 1–3	To disable keypad tone Change Zone 2 to Door Bell When no need to operate a second door, Zone 2 can be s door bell to COM2 and NO2. Press #, the keypad will sen Zone 2 Doorbell To remove the alarm To remove the door forced open warning	8 7 # et to operate the Door Bell. The wiring is connecting the d the signal to the door bell 8 8 8 # (Factory default) 8 9 # Read valid card_ or Master code #	To enter the programming mode To exit from the programming mode Note that to undertake the following programming the To change the master code To add a PIN user The PIN is any 4-8 digits between 0000-99999999 with the exception of 1234 which is reserved To add a card To delete a PIN or a card user To Unlock the door for Zone 1 or Zone 2 To Unlock the door for a PIN user	Master code # 888888 is the default factory master code master user must be logged in O New code # New code # The master code is any 6 digits For Zone1: 1 User ID Number # PIN # For Zone2: 1 User ID Number # PIN # The ID number is any number between 1-1100 for Zone1 and any number between 1101-1200for Zone 2 Users can be added continuously without exit programming mode For Zone 1: 1 Read Card # For Zone 2: 5 Read Card # Cards can be added continuously without exiting programming mode 2 User ID number # for a PIN user 2 Read Card # for a card user Users can be deleted continuously without exiting programming mode Enter the PIN then press #
This is the alternative way to enter cards using user ID allocation. In this method a user ID is allocated to a card. Only one user ID can be allocated to a single card fo add a series cards users-Block Enrollment The card number must be consecutive (This operation is only for Zone 1) To delete card users by cards Note: Users can be deleted continuously without exiting programming mode To delete Card users by user ID This option can be used when a user has lost their card To delete Card users by card number To set User for Zone 2 (3 2 2 #) To set PIN user for Zone 2 is the same as Zone 1, only the ID To set PIN user for Zone 2 is the same as Zone 1, only the ID To add Card Users (Method 1) Auto-generated ID numbers Card and PIN Mode To add a card and PIN user (The PIN is any 4-8 digits between 0000-999999999 with	The ID number can be any number between 1-1100 5 User ID number) # 8 digits Card number, # Card quantity # Card quantity is between 1-1100 Of the 8 digits card number, it is the last 8 digits onthe card Maximum 1100 cards can be enrolled at a stretch within 1 minute 2 [Read Card]# The device can automatically identify the card of Zone 1 or Zone 2 2 User ID # 9 Input 8 digits card number] # Cards can be deleted continuously without exiting from programming mode 0 number is 1101-1200 for Zone 2. exception of adding Card users with auto-generated ID numbers 5 Read card # Card can be added continuously without exiting programming mode	Note that this is done outside programming mode so the user can undertake this themselves To change a PIN in card and PIN mode (Method 2) Note that this is done outside programming mode so the user can undertake this themselves To delete a Card and PIN user just delete the card To set users for Zone 2 (3 2 1 #)The operatil Card only Mode(in this mode, users can only be valid the transmoster) To delete ALL users Note: This is a dangerous option, so use with care To unlock the door (or change relay state) For a Card User For a card and PIN user 11.2 Relay Setting (Provide)	* User ID number # Old PIN # New PIN # New PIN # 2 Read card # or 2 User ID # ton is the same as Zone 1 by card) 3 1 0 #, Zone 1 3 2 0 #, Zone 2 Entry is by Card only Delete all users of Zone 1: 2 0000 # Delete all users of Zone 2: 9 0000 # Enter the PIN then press # Read card Read card Read card	Toggle mode 11.3 Door Detection, Alarm, Acc Door Open Detection Door Open Too Long (DOTL) warning. When used with an o of the lock, if the door is opened normally, but not closed a to remind people to close the door and continue for 1 minu Open warning. When used with an optional magnetic conta is forced open, or if the door is opened after 120 seconds of inside buzzer and alarm output will both operate. The Alarn the default being 1 minutes. To disable door open detection (Factory default setting) To enable door open detection Keypad lockout & alarm output options If there are 10 invalid cards or 10 incorrect PIN numbers 10 minutes or the alarm will operate , depending on the Normal status: No keypad lockout or alarm Keypad Lockout Alarm output Alarm Output time To set the alarm output time(1~3 minutes)Factory defaul is 1 minute Keypad Tone	For Zone 2: 4 2 0 # ustic Signal, Door Bell Settings bitonal magnetic contact or built-in magnetic contact ter 1 minute, the inside buzzer will beep automatically te before switching off automatically.Door Forced ct or built-in magnetic contact of the lock, if the door f the electro-mechanical lock not closed properly, the n Output time is adjustable between 1–3 minutes with 6 0 # For Zone 1: 1 # You can enable the door open detection of only one Zone in a 10 minute period either the keypad will lockout for potion selected below 7 0 # 7 2 # 8 1–3	To disable keypad tone Change Zone 2 to Door Bell When no need to operate a second door, Zone 2 can be s door bell to COM2 and NO2. Press #, the keypad will sen Zone 2 Doorbell To remove the alarm To remove the door forced open warning	8 7 # et to operate the Door Bell. The wiring is connecting the d the signal to the door bell 8 8 8 # (Factory default) 8 9 # Read valid card_ or Master code #	To enter the programming mode To exit from the programming mode Note that to undertake the following programming the To change the master code To add a PIN user The PIN is any 4-8 digits between 0000-99999999 with the exception of 1234 which is reserved To add a card To delete a PIN or a card user To Unlock the door for Zone 1 or Zone 2 To Unlock the door for a PIN user	Master code # 888888 is the default factory master code master user must be logged in O New code # New code # The master code is any 6 digits For Zone1: 1 User ID Number # PIN # For Zone2: 1 User ID Number # PIN # The ID number is any number between 1-1100 for Zone1 and any number between 1101-1200for Zone 2 Users can be added continuously without exitin programming mode For Zone 1: 1 Read Card # For Zone 2: 5 Read Card # Cards can be added continuously without exiting programming mode 2 User ID number # for a PIN user 2 Read Card # for a card user Users can be deleted continuously without exiting programming mode Enter the PIN then press #

to enable the keypau tone	o o # (Factory default setting)			
To disable keypad tone	8 7 #			
Change Zone 2 to Door Bell When no need to operate a second door, Zone 2 can be door bell to COM2 and NO2. Press #, the keypad will set	set to operate the Door Bell. The wiring is connecting the nd the signal to the door bell			
Zone 2	8 8 # (Factory default)			
Doorbell	8 9 #			
To remove the alarm				
To remove the door forced open warning	Read valid card or Master code #			