|   |  | The device is a standalone easy keypad<br>meets the standard of ISO 14443-A and the<br>13.56MHz. It provides secure access for   | d the card reading frequency is  | Dimensions L1  | wder Coat<br>20 X W76 X H25 (mm) (Wide)<br>30 X W56 X H23 (mm) (Narrow)   |  | Notes<br>Request to Exit input(REX)   |   | Power<br>12V DC/3A   |
|---|--|--|--|--|---|--|---|---|--|
| Easy  | / Keypad   | (PIN/Card/Card + PIN) to unlock the doo<br>The keypad built with 1 relay, the relay ca   | ior.   | Unit Weight 47   | Dg(Wide)/490g(Narrow)<br>Dg(Wide)/550g(Narrow)  | Black GND  | 9~18 Votes DC Regulated Power Input<br>Ground   |   |  |
|   | Dutdoor)   | access control) or Latch Mode (suitable for<br>switching lights, machinesetc).   |  | Carton Inventory   |   | Brown COM  | Normally Open Relay Output<br>Common Connection for Relay Output  |   | Exit Button NC COM NO 9-18V GND P  |
| (0  | sataoon  | The device is an ideal keypad for outdo designed with anti-vandal metal housing,   |  |  | •   |  | Normally Closed Relay Output  | Yellow  |  |
|   |  | which make this device waterproof, confe   |  |  |   | Connection Diagram<br>Common Power Supply:   |   | 9~18 V  | Electric bolt Electric strike  |
|   |  | Features     Vandal resistant enclosure  |  |  | Masson Dates of   |  | Exit Button Power   | GND Black White N   |  |
|   |  | Waterproof, conforms to IP66     Backlit keypad     One programmable relay operation   |  | Access Control M   | aster Cards Screw Driver  |  | 9~18V DC/3A   | NO  | СОМ  |
|   |  | Pulse mode, Latch mode     1000 users(Card/PIN/Card+PIN)   |  |  | <u>~1</u>   | OPEN Yellow  | +   | NC Green N  | <u>NC</u>  |
|   |  | Read 13.56MHz Mifare card (ISO14443     Tri-colour LED status display     Built-in light dependent resistor (LDR) fr   |  |  |   | 9~18V Red<br>GND Black   |   |   | Special Power Supply   |
| 123   |  | Low temperature resistance(-40°C)  |  | Self Tapping Screws:   | Diode 1N4004<br>all Anchors (For relay circuit<br>protection)   | NO White NO  | Electric strike: NO   |   |  |
| 789   |  | Specifications<br>User Capacity 1000   | 0  | INSTALLATION   |   | COM Brown COM  | Electric Bolt: NC   | PROGRAMMING -   | iding on access configuration. Follow the  |
| ×0#   |  | Card 13.56<br>PIN 4-6 di   | i6MHz Mifare card<br>digits  | > Remove the back cover from the un<br>> Drill 2 holes(A,C) on the wall for the  | screws and one hole for the cable   |  | Common Power Supply   | instructions according to your  |  |
|   |  | Idle Current ≥50m  |  | <ul> <li>&gt; Knock the supplied rubber bungs to</li> <li>&gt; Fix the back cover firmly on the wall</li> <li>&gt; Thread the cable through the cable</li> </ul>   | with 4 flat head screws   |  |   | Programming 1   | ———— Configure the device  |
|   |  |  | mA<br>are card (ISO14443 Type A)<br>56MHz Proximity Card/Tag   | > Attach the unit to the back cover.   |   | Attention: Install a 1N4004 or equin   | valent diode is needed when use a or the keypad might be damaged.   | Multiple configuration settings   | s according to your application (optional)<br>s can be changed at one time: enter progr  |
|   |  | Read Range ≥3CM  |  |  |   | (1N4004 is included in th  |   | mode, change desired setting  | gs, then exit program mode.  |
|   |  | Adjustable Relay Output Time 0-99 S  | (NO, NC, Common)<br>Seconds (5 seconds default)  |  |   |  |   |   | used to prevent unauthorized access to th device the manager will need a Master  |
|   |  |  | np Maximum<br>ets IP66   |  |   |  |   |   | 23456). We highly recommend immediat   |
| U   | Jser Manual  |  | °C~60°C, -40°F~140°F<br>%-90% Non-condensing   |  |   |  |   |   |  |
|   |  | -1-  | -  | -  | 2-  |  | -3-   |   | -4-  |
|   |  | <br>   |  | <br>   |   | <br>   |   |   |  |
|   | Keystroke Combination  | Set Strike-out Alarm<br>The strike-out alarm will engage after 10  |  | 2. Add Card: Using Auto ID<br>(Allows device to assign Card  | 1 (Read Card) #<br>Cards can be added continuously.   | Change a PIN<br>This operation is executed from out  | iside of Program Mode.  | OTHERS  |  |
| 1. Enter Program Mode   | * (Master Code) #     0 (New Master Code) #  | The strike-out alarm will engage after 10<br>OFF. The strike-out alarm can be set to d<br>engaging or it can be set disengage only   | deny access for 10 minutes after   | (Allows device to assign Card<br>to next available User ID number)<br>OR   | Cards can be added continuously.  |  | Keystroke Combination   | Reset to Factory Default:<br>This will reset the device to the  | the factory default but all card/PIN   |
| 1. Enter Program Mode<br>2. Update Master Code  | * (Master Code) #  | The strike-out alarm will engage after 10<br>OFF. The strike-out alarm can be set to d<br>engaging or it can be set disengage only<br>Master code.   | deny access for 10 minutes after   | (Allows device to assign Card<br>to next available User ID number)<br>OR<br>2. Add Card: Select Specific ID<br>(Allows manager to define a   | Cards can be added continuously.<br>1 (User ID) # (Read Card) #<br>The user ID is any number from   | This operation is executed from out  | -   | Reset to Factory Default:<br>This will reset the device to the<br>information will still be retaine<br>1. Power the device off.<br>2. Press the exit button, hold if  | ed.<br>it and power on   |
| 1. Enter Program Mode<br>2. Update Master Code<br>3. Exit Program Mode  | * (Master Code) #     0 ( New Master Code) #     ( Repeat New Master Code) #     *   | The strike-out alarm will engage after 10<br>OFF. The strike-out alarm can be set to d<br>engaging or it can be set disengage only<br>Master code.<br>Programming Step<br>1. Enter Program Mode  | deny access for 10 minutes after<br>y after entering a valid card/PIN or<br>Keystroke Combination<br>* (Master Code) #   | (Allows device to assign Card<br>to next available User ID number)<br>OR<br>2. Add Card: Select Specific ID<br>(Allows manager to define a<br>specific User ID to associate the<br>card to)  | Cards can be added continuously.  | This operation is executed from out Programming Step 1. Change a PIN   | Keystroke Combination<br>* (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)   | Reset to Factory Default:<br>This will reset the device to the<br>information will still be retaine<br>1. Power the device off.<br>2.Press the exit button, hold it<br>3.There will be two beeps, rel<br>4. Then read any two 13.56ML two 13.56ML   | ed.<br>it and power on<br>lease the exit button<br>Hz Mifare card/tag, the 1st one is Master /   |
| Enter Program Mode     Update Master Code     Sexit Program Mode     Access Configuration     there are 3 types of access con     Card or PIN (Default): The Us   | * (Master Code) #      0 ( New Master Code) #     (Repeat New Master Code) #     *      *   onfigurations for the device Jser must present a valid Card to the   | The strike-out alarm will engage after 10<br>OFF. The strike-out alarm can be set to<br>engaging or it can be set disengage only<br>Master code.           Programming Step           1. Enter Program Mode           2. Strike-Out OFF           OR           2. Strike-Out ON  | deny access for 10 minutes after<br>y after entering a valid card/PIN or<br>Keystroke Combination<br>* (Master Code) #<br>7 0 # (factory default)<br>7 1 # Access will be denied for   | (Allows device to assign Card<br>to next available User ID number)<br>OR<br>2. Add Card: Select Specific ID<br>(Allows manager to define a<br>specific User ID to associate the  | Cards can be added continuously.<br>1 (User ID) # (Read Card) #<br>The user ID is any number from   | This operation is executed from out Programming Step 1. Change a PIN ACCESS CONFIGURATION: C. Add a Card+ PIN User   | Keystroke Combination  * (User ID #) (Old PIN #) (New PIN #) (New PIN #)  ARD+PIN   | Reset to Factory Default:<br>This will reset the device to the<br>information will still be retaine<br>1. Power the device off.<br>2.Press the exit button, hold it<br>3.There will be two beeps, rel<br>4. Then read any two 13.56ML two 13.56ML   | ed.<br>it and power on<br>lease the exit button<br>Hz Mifare card/tag, the 1st one is Master ,<br>Delete Card, the LED will turn into red  |
| Enter Program Mode     Update Master Code     Set Program Mode     Et Access Configuration     tere are 3 types of access con     Card or PIN (Default): The Us     device or enter their PIN code     ranted access.   | * (Master Code) #      0 ( New Master Code) #      (Repeat New Master Code) #      *      *  ponfigurations for the device User must present a valid Card to the de followed by the # key, in order to be  | The strike-out alarm will engage after 10<br>OFF. The strike-out alarm can be set to d<br>engaging or it can be set disengage only<br>Master code.           Programming Step           1. Enter Program Mode         2.           2. Strike-Out OFF         OR           OR         0.  | deny access for 10 minutes after<br>y after entering a valid card/PIN or<br><b>Keystroke Combination</b><br><b>* (Master Code) #</b><br><b>7 0 #</b> (factory default)<br><b>7 1 #</b> Access will be denied for<br>10 minutes   | (Allows device to assign Card<br>to next available User ID number)<br>OR<br>2. Add Card: Select Specific ID<br>(Allows manager to define a<br>specific User ID to associate the<br>card to)  | Cards can be added continuously.<br>1 (User ID) # (Read Card) #<br>The user ID is any number from<br>1~1000.<br>*   | This operation is executed from out Programming Step 1. Change a PIN ACCESS CONFIGURATION: C   | Keystroke Combination<br>* (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)   | Reset to Factory Default:<br>This will reset the device to the information will still be retaine<br>1. Power the device off.<br>2. Press the exit button, hold it<br>3. There will be two beeps, rel<br>4. Then read any two 13.56ML<br>Card, the 2nd one is Mater I<br>The device has been reset s<br>Erase all Users  | ad.<br>it and power on<br>lease the exit button<br>Hz Mifare card/tag, the 1st one is Master /<br>Delete Card, the LED will turn into red<br>successfully.   |
| Enter Program Mode     Z. Update Master Code     Z. Update Master Code     S. Exit Program Mode     et Access Configuration     ere are 3 types of access con     Card or PIN (Default): The Us     device or enter their PIN code     granted access.     Card Only: The User must pr     order to be granted access.     Card PIN: The User must fr   | * (Master Code) #      0 ( New Master Code) #      (Repeat New Master Code) #      *      *      *      ponfigurations for the device Jser must present a valid Card to the de followed by the # key, in order to be irresent a valid Card to the device in irst present a valid Card to the device  | The strike-out alarm will engage after 10<br>OFF. The strike-out alarm can be set to d<br>engaging or it can be set disengage only<br>Master code.           Programming Step           1. Enter Program Mode           2. Strike-Out OFF<br>OR           2. Strike-Out ON           0R           2. Strike-Out ON           0R           2. Strike-Out ON           0R           2. Strike-Out ON           0R  | deny access for 10 minutes after<br>y after entering a valid card/PIN or<br>Keystroke Combination<br>* (Master Code) #<br>7 0 # (factory default)<br>7 1 # Access will be denied for<br>10 minutes<br>7 2 # The buzzer alarms<br>5 (0 ~ 30) #  | (Allows device to assign Card<br>to next available User ID number)<br>OR<br>2. Add Card: Select Specific ID<br>(Allows manager to define a<br>specific User ID to associate the<br>card to)<br>3. Exit Program Mode  | Cards can be added continuously.<br>1 (User ID) # (Read Card) #<br>The user ID is any number from   | This operation is executed from out Programming Step 1. Change a PIN ACCESS CONFIGURATION: C Add a Card+ PIN User Programming Step   | Keystroke Combination         * (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)         *ARD+PIN         Keystroke Combination         * (Master Code) #   | Reset to Factory Default:<br>This will reset the device to the<br>information will still be retaine<br>2.Press the exit button, hold it<br>3.There will be two beeps, ref<br>4.Then read any two 13.56ML<br>Card, the 2nd one is Mater I<br>The device has been reset s<br>Erase all Users<br>This will delete ALL User data<br>1. Enter Program Mode by pr<br>2.Press 20000 #  | ad.<br>it and power on<br>lease the exit button<br>Hz Mifare card/tag, the 1st one is Master,<br>Delete Card, the LED will turn into red<br>successfully.<br>3.  |
| Enter Program Mode     Lotter Program Mode     Update Master Code     Sexit Program Mode     Access Configuration     tere are 3 types of access con     Card or PIN (Default): The Use     vice or enter their PIN code     granted access.     Card Only: The User must fir     ord the user must refine their PIN code     access.     Card + PIN: The User must fir     and then enter their PIN code     access.   | * (Master Code) #      0 (New Master Code) #      (Repeat New Master Code) #      (Repeat New Master Code) #      *  | The strike-out alarm will engage after 10<br>OFF. The strike-out alarm can be set to d<br>engaging or it can be set disengage only<br>Master code.<br>Programming Step<br>1. Enter Program Mode<br>2. Strike-Out OFF<br>OR<br>2. Strike-Out OFF<br>OR<br>2. Strike-Out ON<br>OR<br>2. Strike-Out ON<br>Set alarm time  | deny access for 10 minutes after<br>y after entering a valid card/PIN or<br><b>Keystroke Combination</b><br><b>* (Master Code) #</b><br><b>7 0 #</b> (factory default)<br><b>7 1 #</b> Access will be denied for<br>10 minutes<br><b>7 2 #</b> The buzzer alarms<br>5 (0 ~ 30) #<br>Factory default is 1 minute  | (Allows device to assign Card<br>to next available User ID number)<br>OR<br>2. Add Card: Select Specific ID<br>(Allows manager to define a<br>specific User ID to associate the<br>card to)<br>3. Exit Program Mode<br>Delete User Cards<br>Programming Step   | Cards can be added continuously. 1 (User ID) # (Read Card) # The user ID is any number from 1~1000.  * Keystroke Combination * (Master Code) # 2 (Read Card) #  | This operation is executed from out  Programming Step  1. Change a PIN  ACCESS CONFIGURATION: C Add a Card+ PIN User  Programming Step  1. Enter Program Mode  2. Add a User Card by ID number  3. Exit Program Mode   | Keystroke Combination         * (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)         ARD+PIN         Keystroke Combination         * (Master Code) #         1 (User ID) # (Read Card) #         * (Read Card) (1234#)  | Reset to Factory Default:<br>This will reset the device to the<br>information will still be retaine<br>1. Power the device off.<br>2. Press the exit button, hold it<br>3. There will be two beeps, ref<br>4. Then read any two 13.56M<br>Card, the 2nd one is Mater I<br>The device has been reset s<br>Erase all Users<br>This will delete ALL User data<br>1. Enter Program Mode by pr   | ad.<br>it and power on<br>lease the exit button<br>Hz Mifare card/tag, the 1st one is Master/<br>Delete Card, the LED will turn into red<br>successfully.<br>a.<br>ress: ★ (Master Code) #.  |
| Enter Program Mode     Enter Program Mode     Update Master Code     Suit Program Mode     Access Configuration     tere are 3 types of access con     Card or PIN (Default): The Us     device or enter their PIN code     granted access.     Card Only: The User must fir     and then enter their PIN code     access.     Programming Step   | * (Master Code) #      0 ( New Master Code) #      (Repeat New Master Code) #      *      *      *      ponfigurations for the device Jser must present a valid Card to the de followed by the # key, in order to be irresent a valid Card to the device in irst present a valid Card to the device  | The strike-out alarm will engage after 10<br>OFF. The strike-out alarm can be set to<br>engaging or it can be set disengage only<br>Master code.<br>Programming Step<br>1. Enter Program Mode<br>2. Strike-Out OFF<br>OR<br>2. Strike-Out ON<br>OR<br>2. Strike-Out ON<br>Set alarm time<br>3. Exit  | deny access for 10 minutes after<br>y after entering a valid card/PIN or<br><b>Keystroke Combination</b><br><b>* (Master Code) #</b><br><b>7 0 #</b> (factory default)<br><b>7 1 #</b> Access will be denied for<br>10 minutes<br><b>7 2 #</b> The buzzer alarms<br><b>5</b> (0 ~ 30) #<br>Factory default is 1 minute<br><b>*</b>   | (Allows device to assign Card<br>to next available User ID number)<br>OR<br>2. Add Card: Select Specific ID<br>(Allows manager to define a<br>specific User ID to associate the<br>card to)<br>3. Exit Program Mode<br>Delete User Cards<br>Programming Step<br>1. Enter Program Mode<br>2. Delete Card: By card<br>OR   | Cards can be added continuously. 1 (User ID) # (Read Card) # The user ID is any number from 1~1000.  * Keystroke Combination * (Master Code) # 2 (Read Card) # Cards can be deleted continuously.   | This operation is executed from out Programming Step 1. Change a PIN ACCESS CONFIGURATION: C Add a Card+ PIN User Programming Step 1. Enter Program Mode 2. Add a User Card by ID number   | Keystroke Combination         * (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)         ARD+PIN         Keystroke Combination         * (Master Code) #         1 (User ID) # (Read Card) #         *  | Reset to Factory Default:<br>This will reset the device to ti<br>information will still be retaine<br>1. Power the device off.<br>2.Press the exit button, hold it<br>3.There will be two beeps, ref<br>4.Then read any two 13.56M<br>Card, the 2nd one is Mater I<br>The device has been reset s<br><b>Erase all Users</b><br>This will delete ALL User data<br>1. Enter Program Mode by pr<br>2. Press 20000 #<br>3. Exit *   | ad.<br>it and power on<br>lease the exit button<br>Hz Mifare card/tag, the 1st one is Master /<br>Delete Card, the LED will turn into red<br>successfully.<br>a.<br>ress: * (Master Code) #.<br>ned.   |
| Enter Program Mode     Enter Program Mode     Update Master Code     S. Exit Program Mode     Exit Program Mode     et Access Configuration     tere are 3 types of access con     Card or PIN (Default): The Us     device or enter their PIN code     granted access.     Card Only: The User must fir     and then enter their PIN code     access.     Programming Step     1. Enter Program Mode     2. Card only     OR   | * (Master Code) #         0 (New Master Code) #         (Repeat New Master Code) #         *         onfigurations for the device         Jser must present a valid Card to the         de followed by the # key, in order to be         reresent a valid Card to the device in         iirst present a valid Card to the device e         followed by the # key, in order to be granted         Keystroke Combination         * (Master Code) #         3 0 #   | The strike-out alarm will engage after 10<br>OFF. The strike-out alarm can be set to<br>engaging or it can be set disengage only<br>Master code.<br>Programming Step<br>1. Enter Program Mode<br>2. Strike-Out OFF<br>OR<br>2. Strike-Out OFF<br>OR<br>2. Strike-Out ON<br>OR<br>3. Exite<br>Programming 2   | deny access for 10 minutes after<br>y after entering a valid card/PIN or<br><b>Keystroke Combination</b><br><b>* (Master Code) #</b><br><b>7 0 #</b> (factory default)<br><b>7 1 #</b> Access will be denied for<br>10 minutes<br><b>7 2 #</b> The buzzer alarms<br><b>5</b> (0 ~ 30) #<br>Factory default is 1 minute<br><b>*</b><br><b> Program Cards and PINs</b><br>e access configuration. Follow the   | (Allows device to assign Card<br>to next available User ID number)<br>OR<br>2. Add Card: Select Specific ID<br>(Allows manager to define a<br>specific User ID to associate the<br>card to)<br>3. Exit Program Mode<br>Delete User Cards<br>Programming Step<br>1. Enter Program Mode<br>2. Delete Card: By card   | Cards can be added continuously.  1 (User ID) # (Read Card) # The user ID is any number from 1~1000.  *  Keystroke Combination  * (Master Code) # 2 (Read Card) # Cards can be deleted continuously.  2 (User ID) # The user ID is any number from  | This operation is executed from out  Programming Step  1. Change a PIN  ACCESS CONFIGURATION: C Add a Card+ PIN User  Programming Step  1. Enter Program Mode  2. Add a User Card by ID number  3. Exit Program Mode  4. Add PIN   | Keystroke Combination         * (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)         ARD+PIN         Keystroke Combination         * (Master Code) #         1 (User ID) # (Read Card) #         *         * (Read Card) (1234#)<br>(New PIN #) (New PIN #)         This operation is executed from   | Reset to Factory Default:<br>This will reset the device to the<br>information will still be retained<br>1. Power the device off.<br>2. Press the exit button, hold it<br>3. There will be two beeps, ref<br>4. Then read any two 13.56M<br>Card, the 2nd one is Mater I<br>The device has been reset s<br>Erase all Users<br>This will delete ALL User data<br>1. Enter Program Mode by pr<br>2. Press 20000 #<br>3. Exit: *<br>All configuration data is retain<br>Reset Strike-Out Alarm  | ad.<br>it and power on<br>lease the exit button<br>Hz Mifare card/tag, the 1st one is Master /<br>Delete Card, the LED will turn into red<br>successfully.<br>a.<br>ress: * (Master Code) #.<br>ned.   |
| Enter Program Mode     Enter Program Mode     Update Master Code     Second Secon | * (Master Code) #         0 ( New Master Code) #         (Repeat New Master Code) #         *         Denfigurations for the device         Jser must present a valid Card to the         de followed by the # key, in order to be         irst present a valid Card to the device in         irst present a valid Card to the device e         followed by the # key, in order to be granted         Keystroke Combination         * (Master Code) #         3 0 #         3 1 #  | The strike-out alarm will engage after 10         OFF. The strike-out alarm can be set to dengaging or it can be set disengage only Master code.         Programming Step         1. Enter Program Mode         2. Strike-Out OFF         OR         2. Strike-Out ON         OR         2. Strike-Out ON         Set alarm time         3. Exit         Programming 2         Programming will vary depending on the instructions according to your access cordinations   | deny access for 10 minutes after<br>y after entering a valid card/PIN or<br><b>Keystroke Combination</b><br><b>* (Master Code) #</b><br><b>7 0 #</b> (factory default)<br><b>7 1 #</b> Access will be denied for<br>10 minutes<br><b>7 2 #</b> The buzzer alarms<br><b>5 (0 ~ 30) #</b><br>Factory default is 1 minute<br><b>*</b><br><b> Program Cards and PINs</b><br>e access configuration. Follow the<br>onfiguration.  | (Allows device to assign Card<br>to next available User ID number)<br>OR<br>2. Add Card: Select Specific ID<br>(Allows manager to define a<br>specific User ID to associate the<br>card to)<br>3. Exit Program Mode<br>Delete User Cards<br>Programming Step<br>1. Enter Program Mode<br>2. Delete Card: By card<br>OR   | Cards can be added continuously. 1 (User ID) # (Read Card) # The user ID is any number from 1~1000.  * Keystroke Combination * (Master Code) # 2 (Read Card) # Cards can be deleted continuously. 2 (User ID) #   | This operation is executed from out  Programming Step  1. Change a PIN  ACCESS CONFIGURATION: C Add a Card+ PIN User  Programming Step  1. Enter Program Mode  2. Add a User Card by ID number  3. Exit Program Mode  4. Add PIN  Change PIN Allows card user to update the PINI | Keystroke Combination         * (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)         ARD+PIN         Keystroke Combination         * (Master Code) #         1 (User ID) # (Read Card) #         * (Read Card) (1234#)<br>(New PIN #) (New PIN #)         This operation is executed from<br>outside of Program Mode         for their Card + PIN User ID. This   | Reset to Factory Default:<br>This will reset the device to ti<br>information will still be retaine<br>1. Power the device off.<br>2.Press the exit button, hold if<br>3.There will be two beeps, ref<br>4.Then read any two 13.56MI<br>Card, the 2nd one is Mater I<br>The device has been reset s<br><b>Erase all Users</b><br>This will delete ALL User data<br>1. Enter Program Mode by pr<br>2. Press 20000 #<br>3. Exit. *<br>All configuration data is retain<br><b>Reset Strike-Out Alarm</b><br>Enter Master Code or Valid C<br>Master Cards Usage<br>Using Master Card to add                  | ed.<br>it and power on<br>lease the exit button<br>Hz Mirare card/tag, the 1st one is Master A<br>Delete Card, the LED will turn into red<br>successfully.<br>a.<br>ress: * (Master Code) #.<br>ned.<br>Card/PIN to silence<br>and delete card users   |
| Enter Program Mode     Lupdate Master Code     Support Section 2. Update Master Code     Support Section 2. Section  | * (Master Code) #         0 (New Master Code) #         (Repeat New Master Code) #         *         onfigurations for the device         Jser must present a valid Card to the         de followed by the # key, in order to be         reresent a valid Card to the device in         iirst present a valid Card to the device e         followed by the # key, in order to be granted         Keystroke Combination         * (Master Code) #         3 0 #   | The strike-out alarm will engage after 10<br>OFF. The strike-out alarm can be set to<br>engaging or it can be set disengage only<br>Master code.<br>Programming Step<br>1. Enter Program Mode<br>2. Strike-Out OFF<br>OR<br>2. Strike-Out OFF<br>OR<br>2. Strike-Out ON<br>Set alarm time<br>3. Exit<br>Programming 2<br>Programming 2<br>CENERAL PROGRAMING INFOR<br>> User ID Number: Assign a user ID num<br>keep track of the users of access cards  | deny access for 10 minutes after<br>y after entering a valid card/PIN or<br><b>Keystroke Combination</b><br><b>* (Master Code) #</b><br><b>7 0 #</b> (factory default)<br><b>7 1 #</b> Access will be denied for<br>10 minutes<br><b>7 2 #</b> The buzzer alarms<br><b>5 (</b> 0 ~ 30) #<br>Factory default is 1 minute<br><b>*</b><br><b> Program Cards and PINS</b><br>e access configuration. Follow the<br>onfiguration.<br><b>RMATION</b><br>mber to the access code in order to<br>ts or PINS. The user ID number can  | (Allows device to assign Card<br>to next available User ID number)<br>OR<br>2. Add Card: Select Specific ID<br>(Allows manager to define a<br>specific User ID to associate the<br>card to)<br>3. Exit Program Mode<br>Delete User Cards<br>Programming Step<br>1. Enter Program Mode<br>2. Delete Card: By card<br>OR<br>2. Delete Card: Select Specific ID<br>3. Exit  | Cards can be added continuously.  1 (User ID) # (Read Card) # The user ID is any number from 1~1000.  *  Keystroke Combination  * (Master Code) #  2 (Read Card) # Cards can be deleted continuously.  2 (User ID) # The user ID is any number from 1~1000.   | This operation is executed from out  Programming Step  1. Change a PIN  ACCESS CONFIGURATION: C. Add a Card+ PIN User  Programming Step  1. Enter Program Mode  2. Add a User Card by ID number  3. Exit Program Mode  4. Add PIN  Change PIN                                    | Keystroke Combination         * (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)         ARD+PIN         Keystroke Combination         * (Master Code) #         1 (User ID) # (Read Card) #         * (Read Card) (1234#)<br>(New PIN #) (New PIN #)         This operation is executed from<br>outside of Program Mode         for their Card + PIN User ID. This   | Reset to Factory Default:<br>This will reset the device to the<br>information will still be retaine<br>1. Power the device off.<br>2. Press the exit button, hold it<br>3. There will be two beeps, ref<br>4. Then read any two 13.56MF<br>Card, the 2nd one is Mater I<br>The device has been reset s<br><b>Erase all Users</b><br>This will delete ALL User data<br>1. Enter Program Mode by pr<br>2. Press 20000 #<br>3. Exit: *<br>All configuration data is retain<br><b>Reset Strike-Out Alarm</b><br>Enter Master Code or Valid C<br>Master Cards Usage  | ad.<br>it and power on<br>lease the exit button<br>Hz Mifare card/tag, the 1st one is Master A<br>Delete Card, the LED will turn into red<br>successfully.<br>a.<br>ress: * (Master Code) #.<br>hed.<br>card/PIN to silence<br>1 and delete card users<br>1.(Read Master Add Card)<br>2.(Read User Card)   |
| Enter Program Mode     Lupdate Master Code     Support Section 2. Update Master Code     Support Section 2. Section  | * (Master Code) #         0 (New Master Code) #         (Repeat New Master Code) #         *         Difigurations for the device         User must present a valid Card to the         de followed by the # key, in order to be         present a valid Card to the device in         irst present a valid Card to the device in         followed by the # key, in order to be granted         Keystroke Combination         * (Master Code) #         3 0 #         3 1 #         3 2 #         *  | The strike-out alarm will engage after 10<br>OFF. The strike-out alarm can be set to<br>engaging or it can be set disengage only<br>Master code.<br>Programming Step  1. Enter Program Mode  2. Strike-Out OFF<br>OR  2. Strike-Out ON OR  2. Strike-Out ON Set alarm time  3. Exit  Programming 2 Programming 2 Programming will vary depending on the<br>instructions according to your access cord GENERAL PROGRAMING INFOR > User ID Number: Assign a user ID nun<br>keep track of the users of access cards<br>be any number from 1~1000. IMPORT) proceeded with any leading zeros. Rec   | deny access for 10 minutes after<br>ly after entering a valid card/PIN or<br><b>Keystroke Combination</b><br><b>* (Master Code) #</b><br><b>7 0 #</b> (factory default)<br><b>7 1 #</b> Access will be denied for<br>10 minutes<br><b>7 2 #</b> The buzzer alarms<br><b>5</b> (0 ~ 30) #<br>Factory default is 1 minute<br><b>*</b><br><b> Program Cards and PINs</b><br>e access configuration. Follow the<br>onfiguration.<br><b>RMATION</b><br>Imber to the access code in order to<br>is or PINS. The user ID number can<br>TANT: User IDs do not have to be<br>scording of User ID is critical.   | (Allows device to assign Card<br>to next available User ID number)<br>OR<br>2. Add Card: Select Specific ID<br>(Allows manager to define a<br>specific User ID to associate the<br>card to)<br>3. Exit Program Mode<br>Delete User Cards<br>Programming Step<br>1. Enter Program Mode<br>2. Delete Card: By card<br>OR<br>2. Delete Card: Select Specific ID   | Cards can be added continuously.  1 (User ID) # (Read Card) # The user ID is any number from 1~1000.  *  Keystroke Combination  * (Master Code) #  2 (Read Card) # Cards can be deleted continuously.  2 (User ID) # The user ID is any number from 1~1000.   | This operation is executed from out  | Keystroke Combination         * (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)         ARD+PIN         Keystroke Combination         * (Master Code) #         1 (User ID) # (Read Card) #         * (Read Card) (1234#)<br>(New PIN #) (New PIN #)         This operation is executed from<br>outside of Program Mode         for their Card + PIN User ID. This<br>of Program Mode.   | Reset to Factory Default:<br>This will reset the device to ti<br>information will still be retaine<br>1. Power the device off.<br>2.Press the exit button, hold if<br>3.There will be two beeps, ref<br>4.Then read any two 13.56MI<br>Card, the 2nd one is Mater I<br>The device has been reset s<br><b>Erase all Users</b><br>This will delete ALL User data<br>1. Enter Program Mode by pr<br>2. Press 20000 #<br>3. Exit. *<br>All configuration data is retain<br><b>Reset Strike-Out Alarm</b><br>Enter Master Code or Valid C<br>Master Cards Usage<br>Using Master Card to add<br>Add Card User | ed.<br>it and power on<br>lease the exit button<br>Hz Mifare card/tag, the 1st one is Master A<br>Delete Card, the LED will turn into red<br>successfully.<br>a.<br>ress: * (Master Code) #.<br>hed.<br>card/PIN to silence<br>1 and delete card users<br>1.(Read Master Add Card)<br>2.(Read Master Add Card)<br>3.(Read Master Add Card)<br>Repeat Step 2 for additionalusero  |
| Enter Program Mode     Enter Program Mode     Update Master Code     Suti Program Mode     Et Access Configuration     arer are 3 types of access con     Card or PIN (Default): The User     Grad to PIN (Default): The User must pro     order to be granted access,     Card Only: The User must pro     order to be granted access,     Card or PIN: The User must pro     and then enter their PIN code     access,     Programming Step     1. Enter Program Mode     2. Card only     OR     2. Card or PIN     Such PIN     Cord     Cord | * (Master Code) #         0 ( New Master Code) #         (Repeat New Master Code) #         *         Denfigurations for the device         Jser must present a valid Card to the         de followed by the # key, in order to be         irst present a valid Card to the device in         irst present a valid Card to the device e         followed by the # key, in order to be granted         Keystroke Combination         * (Master Code) #         3 0 #         3 1 #         3 2 #  | The strike-out alarm will engage after 10<br>OFF. The strike-out alarm can be set to<br>engaging or it can be set disengage only<br>Master code.<br>Programming Step<br>1. Enter Program Mode<br>2. Strike-Out OFF<br>OR<br>2. Strike-Out ON<br>OR<br>2. Strike-Out ON<br>Set alarm time<br>3. Exit<br>Programming 2<br>Programming vill vary depending on the<br>instructions according to your access cord<br>Set pl Number: Assign a user ID nun<br>keep track of the users of access cards<br>be any number from 1~1000. IMPORT/<br>proceeded with any leading zeros. Rec<br>Modifications to user data require eithe<br>Programming Vary depending on the<br>set alarm time (1.3.55MHz Mir/Garcar)  | deny access for 10 minutes after<br>y after entering a valid card/PIN or<br>Keystroke Combination<br>* (Master Code) #<br>7 0 # (factory default)<br>7 1 # Access will be denied for<br>10 minutes<br>7 2 # The buzzer alarms<br>5 (0 ~ 30) #<br>Factory default is 1 minute<br>*<br>Program Cards and PINs<br>e access configuration. Follow the<br>onfiguration.<br>RMATION<br>mber to the access code in order to<br>ts or PINS. The user ID number can<br>TANT: User IDs do nothave to be<br>secording of User ID is critical.<br>ter the card or the User ID be available.<br>ard (ISO14443 Type A)   | (Allows device to assign Card<br>to next available User ID number)<br>OR<br>2. Add Card: Select Specific ID<br>(Allows manager to define a<br>specific User ID to associate the<br>card to)<br>3. Exit Program Mode<br>Delete User Cards<br>Programming Step<br>1. Enter Program Mode<br>2. Delete Card: By card<br>OR<br>2. Delete Card: Select Specific ID<br>3. Exit<br>Add or Delete a PIN<br>Programming Step<br>1. Enter Program Mode  | Cards can be added continuously. 1 (User ID) # (Read Card) # The user ID is any number from 1~1000.  * Keystroke Combination * (Master Code) # 2 (Read Card) # Cards can be deleted continuously. 2 (User ID) # The user ID is any number from 1~1000.  * Keystroke Combination * (Master Code) #   | This operation is executed from out  | Keystroke Combination         * (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)         ARD+PIN         * (Master Code) #         1 (User ID) # (Read Card) #         * (Read Card) (1234#)<br>(New PIN #) (New PIN #)         * (Read Card) (1234#)<br>(New PIN #) (New PIN #)         This operation is executed from<br>outside of Program Mode         for their Card + PIN User ID. This<br>of Program Mode.         Keystroke Combination         * (Read Card) (Old PIN #)<br>(New PIN #) (New PIN #)         * (User ID #) (Old PIN #)   | Reset to Factory Default:<br>This will reset the device to ti<br>information will still be retaine<br>1. Power the device off.<br>2.Press the exit button, hold if<br>3.There will be two beeps, ref<br>4.Then read any two 13.56MI<br>Card, the 2nd one is Mater I<br>The device has been reset s<br><b>Erase all Users</b><br>This will delete ALL User data<br>1. Enter Program Mode by pr<br>2. Press 20000 #<br>3. Exit. *<br>All configuration data is retain<br><b>Reset Strike-Out Alarm</b><br>Enter Master Code or Valid C<br>Master Cards Usage<br>Using Master Card to add                  | ad.<br>it and power on<br>lease the exit button<br>Hz Mifare card/tag, the 1st one is Master A<br>Delete Card, the LED will turn into red<br>successfully.<br>a.<br>ress: * (Master Code) #.<br>red.<br>card/PIN to silence<br>1 and delete card users<br>1. (Read Master Add Card)<br>2. (Read User Card)<br>3. (Read Master Add Card)<br>Repeat Step 2 for additionaluser of<br>1. (Read Master Card)<br>2. (Read Master Card)<br>3. ( |
| Enter Program Mode     Letter Program Mode     Update Master Code     S. Exit Program Mode     et Access Configuration     here are 3 types of access con     Card on PIN (Default): The Use     device or enter their PIN code     access.     Card Only: The User must fir     and then enter their PIN code     access.     Programming Step     1. Enter Program Mode     2. Card only     OR     2. Card only     OR     2. Card or PIN     OR     3. Exit Program Mode     et Relay Configuration     here relay configuration sets the     Programming Step     1. Enter Program Mode     et Relay Configuration   | * (Master Code) #         0 (New Master Code) #         (Repeat New Master Code) #         *         onfigurations for the device         Jser must present a valid Card to the         de followed by the # key, in order to be         irrst present a valid Card to the device in         irst present a valid Card to the device e         followed by the # key, in order to be granted         Keystroke Combination         * (Master Code) #         3 0 #         3 1 #         3 2 #         *         e behaviour of the output relay on activation.         Keystroke Combination         * (Master Code) #  | The strike-out alarm will engage after 10<br>OFF. The strike-out alarm can be set to d<br>engaging or it can be set disengage only<br>Master code.           Programming Step           1. Enter Program Mode           2. Strike-Out OFF           OR           2. Strike-Out OFF           OR           2. Strike-Out ON           OR           3. Exite-Out ON           Set alarm time           3. Exit           Programming 2           Programming vall vary depending on the<br>instructions according to your access cord           GENERAL PROGRAMMING INFOR           User ID Number: Assign a user ID num<br>keep track of the users of access cards<br>be any number from 1~1000. IMPORT/<br>proceeded with any leading zeros. Rec<br>Modifications to user data require eithe   | deny access for 10 minutes after<br>y after entering a valid card/PIN or<br>Keystroke Combination<br>* (Master Code) #<br>7 0 # (factory default)<br>7 1 # Access will be denied for<br>10 minutes<br>7 2 # The buzzer alarms<br>5 (0 ~ 30) #<br>Factory default is 1 minute<br>*<br>Program Cards and PINS<br>e access configuration. Follow the<br>onfiguration.<br>RMATION<br>mber to the access code in order to<br>ts or PINS. The user ID number can<br>TANT: User IDs do not have to be<br>secording of User ID is critical.<br>ter the card or the User ID be available.<br>ard (ISO14443 Type A)<br>3 digits between 0000-9999999 (except                               | (Allows device to assign Card     to next available User ID number)     OR     2. Add Card: Select Specific ID     (Allows manager to define a     specific User ID to associate the     card to)     3. Exit Program Mode     Delete User Cards     Programming Step     1. Enter Program Mode     2. Delete Card: Select Specific ID     0R     2. Delete Card: Select Specific ID     3. Exit     Add or Delete a PIN     Programming Step     1. Enter Program Mode     2. Add a PIN     Assigns PIN to user ID number   | Cards can be added continuously.  1 (User ID) # (Read Card) # The user ID is any number from 1~1000.  *  Keystroke Combination  * (Master Code) #  2 (Read Card) # Cards can be deleted continuously.  2 (User ID) # The user ID is any number from 1~1000.  *  Keystroke Combination   | This operation is executed from out  | Keystroke Combination         * (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)         ARD+PIN         Keystroke Combination         * (Master Code) #         1 (User ID) # (Read Card) #         * (Read Card) (1234#)         (New PIN #) (New PIN #)         This operation is executed from<br>outside of Program Mode         for their Card + PIN User ID. This<br>of Program Mode.         Keystroke Combination         * (Read Card) (Old PIN #)<br>(New PIN #) (New PIN #)   | Reset to Factory Default:<br>This will reset the device to ti<br>information will still be retaine<br>1. Power the device off.<br>2.Press the exit button, hold if<br>3.There will be two beeps, ref<br>4.Then read any two 13.56MI<br>Card, the 2nd one is Mater I<br>The device has been reset s<br><b>Erase all Users</b><br>This will delete ALL User data<br>1. Enter Program Mode by pr<br>2. Press 20000 #<br>3. Exit. *<br>All configuration data is retain<br><b>Reset Strike-Out Alarm</b><br>Enter Master Code or Valid C<br>Master Cards Usage<br>Using Master Card to add<br>Add Card User | ad.<br>it and power on<br>lease the exit button<br>Hz Mirare card/tag, the 1st one is Master A<br>Delete Card, the LED will turn into red<br>successfully.<br>a.<br>ress: * (Master Code) #.<br>hed.<br>Card/PIN to silence<br>1. (Read Master Add Card)<br>2. (Read User Card)<br>3. (Read Master Add Card)<br>Repeat Step 2 for additionaluserce<br>1. (Read Master Delete Card)<br>2. (Read User Card)<br>3. (Read Master Delete Card)<br>3. (Read Master Delete Card)<br>3. (Read Master Delete Card)<br>3. (Read Master Delete Card)  |
| Enter Program Mode     Enter Program Mode     Update Master Code     S. Exit Program Mode     et Access Configuration     ere are 3 types of access con     Card or PIN (Default): The User     granted access,     Card Only: The User must pr     order to be granted access,     Card Only: The User must pr     order their PIN code     access,     Programming Step     1. Enter Program Mode     2. Card or PIN     OR     2. Card or PIN     DR     Exit Program Mode     et Relay Configuration     he relay configuration sets the     Programming Step     1. Enter Program Mode     2. Pulse Mode   | * (Master Code) #         0 (New Master Code) #         (Repeat New Master Code) #         *         onfigurations for the device         Jser must present a valid Card to the         de followed by the # key, in order to be         reresent a valid Card to the device in         iirst present a valid Card to the device e         followed by the # key, in order to be granted         Keystroke Combination         * (Master Code) #         3 0 #         3 1 #         3 2 #         *         e behaviour of the output relay on activation.         Keystroke Combination  | The strike-out alarm will engage after 10<br>OFF. The strike-out alarm can be set to<br>engaging or it can be set disengage only<br>Master code.<br>Programming Step<br>1. Enter Program Mode<br>2. Strike-Out OFF<br>OR<br>2. Strike-Out OFF<br>OR<br>2. Strike-Out ON<br>Set alarm time<br>3. Exit<br>Programming 2<br>Programming 2<br>Programming vill vary depending on the<br>instructions according to your access cord<br>GENERAL PROGRAMING INFOR<br>> User ID Number: Assign a user ID number: Assign a user ID number: Assign a user Strike<br>programming vill vary depending zoros. Rec<br>Modifications to user data require eithe<br>> Proximity Card: 13.56MHz Mifare Car<br>> Keypad PIN: The PIN can be any 4–61   | deny access for 10 minutes after<br>y after entering a valid card/PIN or<br><b>Keystroke Combination</b><br><b>* (Master Code) #</b><br><b>7 0 #</b> (factory default)<br><b>7 1 #</b> Access will be denied for<br>10 minutes<br><b>7 2 #</b> The buzzer alarms<br><b>5 (</b> 0 ~ 30) #<br>Factory default is 1 minute<br><b>*</b><br><b> Program Cards and PINS</b><br>e access configuration. Follow the<br>onfiguration.<br><b>RMATION</b><br>mber to the access code in order to<br>ts or PINS. The user ID number can<br>TANT: User IDs do not have to be<br>scording of User ID be available.<br>ard (ISO14443 Type A)<br>6 digits between 0000~9999999 (except<br>ing).  | (Allows device to assign Card     to next available User ID number)     OR     2. Add Card: Select Specific ID     (Allows manager to define a     specific User ID to associate the     card to)     3. Exit Program Mode     Delete User Cards     Programming Step     1. Enter Program Mode     2. Delete Card: Select Specific ID     0R     2. Delete Card: Select Specific ID     3. Exit     Add or Delete a PIN     Programming Step     1. Enter Program Mode     2. Add a PIN     Assigns PIN to user ID number     OR     2. Delete a PIN     Select Specific ID      1. Enter Program Mode     2. Add a PIN     Assigns PIN to user ID number     OR     2. Delete a PIN  | Cards can be added continuously. 1 (User ID) # (Read Card) # The user ID is any number from 1~1000. * Keystroke Combination * (Master Code) # 2 (Read Card) # Cards can be deleted continuously. 2 (User ID) # The user ID is any number from 1~1000. * Keystroke Combination * (Master Code) # 1 (User ID) # (PIN) #   | This operation is executed from out  | Keystroke Combination         * (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)         ARD+PIN         Keystroke Combination         * (Master Code) #         1 (User ID) # (Read Card) #         * (Read Card) (1234#)<br>(New PIN #) (New PIN #)         This operation is executed from<br>outside of Program Mode         for their Card + PIN User ID. This<br>of Program Mode.         Keystroke Combination         * (Read Card) (Old PIN #)<br>(New PIN #) (New PIN #)         * (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)         * (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)  | Reset to Factory Default:<br>This will reset the device to ti<br>information will still be retaine<br>1. Power the device off.<br>2.Press the exit button, hold if<br>3.There will be two beeps, ref<br>4.Then read any two 13.56MI<br>Card, the 2nd one is Mater I<br>The device has been reset s<br><b>Erase all Users</b><br>This will delete ALL User data<br>1. Enter Program Mode by pr<br>2. Press 20000 #<br>3. Exit. *<br>All configuration data is retain<br><b>Reset Strike-Out Alarm</b><br>Enter Master Code or Valid C<br>Master Cards Usage<br>Using Master Card to add<br>Add Card User | ad.<br>it and power on<br>lease the exit button<br>Hz Mirare card/tag, the 1st one is Master A<br>Delete Card, the LED will turn into red<br>successfully.<br>a.<br>ress: * (Master Code) #.<br>hed.<br>Card/PIN to silence<br>1. (Read Master Add Card)<br>2. (Read User Card)<br>3. (Read Master Add Card)<br>Repeat Step 2 for additionaluserce<br>1. (Read Master Delete Card)<br>2. (Read User Card)<br>3. (Read Master Delete Card)<br>3. (Read Master Delete Card)<br>3. (Read Master Delete Card)<br>3. (Read Master Delete Card)  |
| device or enter their PIN code<br>granted access.<br>Card Only: The User must pro<br>order to be granted access.<br>Card + PIN: The User must fir<br>and then enter their PIN code<br>access.<br>Programming Step<br>1. Enter Program Mode<br>2. Card only<br>OR<br>2. Card or PIN<br>OR<br>2. Card or PIN<br>3. Exit Program Mode<br>et Relay Configuration  | * (Master Code) #         0 (New Master Code) #         (Repeat New Master Code) #         *         anfigurations for the device         Jser must present a valid Card to the         de followed by the # key, in order to be         irresent a valid Card to the device in         iirst present a valid Card to the device e         followed by the # key, in order to be granted         Keystroke Combination         * (Master Code) #         3 0 #         3 1 #         3 2 #         *         e behaviour of the output relay on activation.         Keystroke Combination         * (Master Code) #         4 (1-99) #         The relay time is 1-99 seconds.<br>(1 is 50mS.) Default is 5 seconds.         4 0 #   | The strike-out alarm will engage after 10<br>OFF. The strike-out alarm can be set to<br>engaging or it can be set disengage only<br>Master code.<br>Programming Step<br>1. Enter Program Mode<br>2. Strike-Out OFF<br>OR<br>2. Strike-Out ON<br>OR<br>2. Strike-Out ON<br>Set alarm time<br>3. Exit<br>Programming 2<br>Programming will vary depending on the<br>instructions according to your access cord<br>GENERAL PROGRAMING INFOR<br>> User ID Number: Assign a user ID num<br>keep track of the users of access cards<br>be any number from 1~1000. IMPORT/<br>proceeded with any leading zeros. Rec<br>Modifications to user data require eithte<br>> Proximity Card: 13.56MHz Mifare Car<br>> Keypad PIN: The PIN can be any 4–6,<br>1234 which is reserved for factory testin<br>ACCESS CONFIGURATION: CARD<br>Add User Cards | deny access for 10 minutes after<br>y after entering a valid card/PIN or<br>Keystroke Combination<br>* (Master Code) #<br>7 0 # (factory default)<br>7 1 # Access will be denied for<br>10 minutes<br>7 2 # The buzzer alarms<br>5 (0 ~ 30) #<br>Factory default is 1 minute<br>*<br>Program Cards and PINS<br>e access configuration. Follow the<br>onfiguration.<br>RMATION<br>mber to the access code in order to<br>ts or PINS. The user ID number can<br>TANT: User IDs do not have to be<br>according of User ID is critical.<br>at (SO14443 Type A)<br>6 digits between 0000~999999 (except<br>ing).<br>D OR PIN & CARD ONLY  | (Allows device to assign Card     to next available User ID number)     OR     2. Add Card: Select Specific ID     (Allows manager to define a     specific User ID to associate the     card to)     3. Exit Program Mode     Delete User Cards     Programming Step     1. Enter Program Mode     2. Delete Card: Select Specific ID     OR     2. Delete Card: Select Specific ID     3. Exit      Add or Delete a PIN     Programming Step     1. Enter Program Mode     2. Delete A PIN     Programming Step     1. Enter Program Mode     2. Add a PIN     Assigns PIN to user ID number     OR     2. Delete a PIN  | Cards can be added continuously. 1 (User ID) # (Read Card) # The user ID is any number from 1~1000. * Keystroke Combination * (Master Code) # 2 (Read Card) # Cards can be deleted continuously. 2 (User ID) # The user ID is any number from 1~1000. * Keystroke Combination * (Master Code) # 1 (User ID) # PINS can be added continuously. 2 (User ID) # PINS can be added continuously. 2 (User ID) #   | This operation is executed from out  | Keystroke Combination         * (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)         ARD+PIN         * (Master Code) #         1 (User ID) # (Read Card) #         * (Read Card) (1234#)<br>(New PIN #) (New PIN #)         This operation is executed from<br>outside of Program Mode         for their Card + PIN User ID. This<br>of Program Mode.         Keystroke Combination         * (Read Card) (Old PIN #)<br>(New PIN #) (New PIN #)         * (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)         * (User ID #) (New PIN #)         * (User ID #) (New PIN #)         * (ds and PINS         Keystroke Combination  | Reset to Factory Default:<br>This will reset the device to ti<br>information will still be retaine<br>1. Power the device off.<br>2.Press the exit button, hold if<br>3.There will be two beeps, ref<br>4.Then read any two 13.56MI<br>Card, the 2nd one is Mater I<br>The device has been reset s<br><b>Erase all Users</b><br>This will delete ALL User data<br>1. Enter Program Mode by pr<br>2. Press 20000 #<br>3. Exit. *<br>All configuration data is retain<br><b>Reset Strike-Out Alarm</b><br>Enter Master Code or Valid C<br>Master Cards Usage<br>Using Master Card to add<br>Add Card User | ad.<br>it and power on<br>lease the exit button<br>Hz Mirare card/tag, the 1st one is Master A<br>Delete Card, the LED will turn into red<br>successfully.<br>a.<br>ress: * (Master Code) #.<br>hed.<br>Card/PIN to silence<br>1. (Read Master Add Card)<br>2. (Read User Card)<br>3. (Read Master Add Card)<br>Repeat Step 2 for additional user of<br>1. (Read Master Delete Card)<br>2. (Read User Card)<br>3. (Read Master Delete Card)  |
| Enter Program Mode     Enter Program Mode     Update Master Code     Second Secon | * (Master Code) #         0 ( New Master Code) #         (Repeat New Master Code) #         *         bringurations for the device         Jser must present a valid Card to the         de followed by the # key, in order to be         resent a valid Card to the device in         first present a valid Card to the device         followed by the # key, in order to be granted         Keystroke Combination         * (Master Code) #         3 0 #         3 1 #         3 2 #         *         e behaviour of the output relay on activation.         Keystroke Combination         * (Master Code) #         4 (1-99) #         The relay time is 1-99 seconds.<br>(1 is 50mS.) Default is 5 seconds.         4 0 #       Sets the relay to ON/OFF Latch mode  | The strike-out alarm will engage after 10         OFF. The strike-out alarm can be set to dengaging or it can be set disengage only Master code.         Programming Step         1. Enter Program Mode         2. Strike-Out OFF         OR         2. Strike-Out ON         OR         2. Strike-Out ON         OR         2. Strike-Out ON         Set alarm time         3. Exit         Programming 2   | deny access for 10 minutes after<br>y after entering a valid card/PIN or<br><b>Keystroke Combination</b><br><b>* (Master Code) #</b><br><b>7 0 #</b> (factory default)<br><b>7 1 #</b> Access will be denied for<br>10 minutes<br><b>7 2 #</b> The buzzer alarms<br><b>5 (</b> 0 ~ 30) #<br>Factory default is 1 minute<br><b>*</b><br><b> Program Cards and PINS</b><br>e access configuration. Follow the<br>onfiguration.<br><b>RMATION</b><br>mber to the access code in order to<br>ts or PINS. The user ID number can<br>TANT: User IDs do not have to be<br>scording of User ID be available.<br>ard (ISO14443 Type A)<br>6 digits between 0000~9999999 (except<br>ing).  | <ul> <li>(Allows device to assign Card<br/>to next available User ID number)<br/>OR</li> <li>2. Add Card: Select Specific ID<br/>(Allows manager to define a<br/>specific User ID to associate the<br/>card to)</li> <li>3. Exit Program Mode</li> </ul> Delete User Cards Programming Step <ol> <li>1. Enter Program Mode</li> <li>2. Delete Card: By card<br/>OR</li> <li>2. Delete Card: Select Specific ID</li> <li>3. Exit</li> </ol> Add or Delete a PIN Programming Step <ol> <li>1. Enter Program Mode</li> <li>2. Delete Card: Select Specific ID</li> <li>3. Exit</li> </ol> Add or Delete a PIN 2. Add a PIN Assigns PIN to user ID number<br>OR <ol> <li>2. Delete a PIN</li> </ol> Deletes the User ID number and<br>associated PIN | Cards can be added continuously. 1 (User ID) # (Read Card) # The user ID is any number from 1~1000. * Keystroke Combination * (Master Code) # 2 (Read Card) # Cards can be deleted continuously. 2 (User ID) # The user ID is any number from 1~1000. * Keystroke Combination * (Master Code) # 1 (User ID) # (PIN) # PINS can be added continuously. 2 (User ID) # PINS can be deleted continuously. 2 (User ID) # PINS can be deleted continuously. | This operation is executed from out  | Keystroke Combination         * (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)         ARD+PIN         Keystroke Combination         * (Master Code) #         1 (User ID) # (Read Card) #         * (Read Card) (1234#)<br>(New PIN #) (New PIN #)         This operation is executed from<br>outside of Program Mode         for their Card + PIN User ID. This<br>of Program Mode.         Keystroke Combination         * (Read Card) (Old PIN #)<br>(New PIN #) (New PIN #)         * (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)         * (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)  | Reset to Factory Default:<br>This will reset the device to ti<br>information will still be retaine<br>1. Power the device off.<br>2.Press the exit button, hold if<br>3.There will be two beeps, ref<br>4.Then read any two 13.56MI<br>Card, the 2nd one is Mater I<br>The device has been reset s<br><b>Erase all Users</b><br>This will delete ALL User data<br>1. Enter Program Mode by pr<br>2. Press 20000 #<br>3. Exit. *<br>All configuration data is retain<br><b>Reset Strike-Out Alarm</b><br>Enter Master Code or Valid C<br>Master Cards Usage<br>Using Master Card to add<br>Add Card User | ad.<br>it and power on<br>lease the exit button<br>Hz Mirare card/tag, the 1st one is Master A<br>Delete Card, the LED will turn into red<br>successfully.<br>a.<br>ress: * (Master Code) #.<br>hed.<br>Card/PIN to silence<br>1. (Read Master Add Card)<br>2. (Read User Card)<br>3. (Read Master Add Card)<br>Repeat Step 2 for additional user<br>1. (Read Master Delete Card)<br>2. (Read User Card)<br>3. (Read Master Delete Card)   |
| Enter Program Mode     Eulor Program Mode     Update Master Code     S. Exit Program Mode     et Access Configuration     here are 3 types of access con     Card or PIN (Default): The U:     device or enter their PIN code     granted access.     Card Only: The User must pri     order to be granted access.     Card PIN: The User must pri     and then enter their PIN code     access.     Programming Step     1. Enter Program Mode     2. Card only     OR     2. Card or PIN     OR     2. PIN     DE     The User mode     there Program Mode     et Relay Configuration he relay configuration sets the     Programming Step     1. Enter Program Mode     2. Pulse Mode     OR   | * (Master Code) #         0 (New Master Code) #         (Repeat New Master Code) #         *         bringurations for the device         Jser must present a valid Card to the         de followed by the # key, in order to be         present a valid Card to the device in         first present a valid Card to the device in         irst present a valid Card to the device in         irst present a valid Card to the device in         ist present a valid Card to the device in         ist present a valid Card to the device in         ist present a valid Card to the device         e followed by the # key, in order to be granted         Keystroke Combination         * (Master Code) #         3 0 #         3 1 #         3 2 #         *         e behaviour of the output relay on activation.         Keystroke Combination         * (Master Code) #         4 (1-99) #         The relay time is 1-99 seconds.         (1 is 50ms.) Default is 5 seconds.         (1 is 50ms.) Default is 0 N/OFF Latch | The strike-out alarm will engage after 10         OFF. The strike-out alarm can be set to dengaging or it can be set disengage only Master code.         Programming Step         1. Enter Program Mode         2. Strike-Out OFF         OR         2. Strike-Out ON         OR         2. Strike-Out ON         OR         2. Strike-Out ON         Set alarm time         3. Exit         Programming 2   | deny access for 10 minutes after<br>y after entering a valid card/PIN or<br>Keystroke Combination<br>* (Master Code) #<br>7 0 # (factory default)<br>7 1 # Access will be denied for<br>10 minutes<br>7 2 # The buzzer alarms<br>5 (0 ~ 30) #<br>Factory default is 1 minute<br>*<br>Program Cards and PINS<br>e access configuration. Follow the<br>onfiguration.<br>RMATION<br>mber to the access code in order to<br>ds or PINS. The user ID number can<br>TANT: User IDs do not have to be<br>scording of User ID is critical.<br>er the card or the User ID be available.<br>ard (ISO14443 Type A)<br>6 digits between 0000~999999 (except<br>ing).<br>D OR PIN & CARD ONLY | <ul> <li>(Allows device to assign Card<br/>to next available User ID number)<br/>OR</li> <li>2. Add Card: Select Specific ID<br/>(Allows manager to define a<br/>specific User ID to associate the<br/>card to)</li> <li>3. Exit Program Mode</li> </ul> Delete User Cards Programming Step <ol> <li>1. Enter Program Mode</li> <li>2. Delete Card: By card<br/>OR</li> <li>2. Delete Card: Select Specific ID</li> <li>3. Exit</li> </ol> Add or Delete a PIN Programming Step <ol> <li>1. Enter Program Mode</li> <li>2. Delete Card: Select Specific ID</li> <li>3. Exit</li> </ol> Add or Delete a PIN 2. Add a PIN Assigns PIN to user ID number<br>OR <ol> <li>2. Delete a PIN</li> </ol> Deletes the User ID number and<br>associated PIN | Cards can be added continuously. 1 (User ID) # (Read Card) # The user ID is any number from 1~1000. * Keystroke Combination * (Master Code) # 2 (Read Card) # Cards can be deleted continuously. 2 (User ID) # The user ID is any number from 1~1000. * Keystroke Combination * (Master Code) # 1 (User ID) # (PIN) # PINS can be added continuously. 2 (User ID) # PINS can be deleted continuously. 2 (User ID) # PINS can be deleted continuously. | This operation is executed from out  | Keystroke Combination         * (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)         ARD+PIN         Keystroke Combination         * (Master Code) #         1 (User ID) # (Read Card) #         * (Read Card) (1234#)<br>(New PIN #) (New PIN #)         This operation is executed from<br>outside of Program Mode         for their Card + PIN User ID. This<br>of Program Mode.         Keystroke Combination         * (Read Card) (Old PIN #)<br>(New PIN #) (New PIN #)         * (User ID #) (Old PIN #)<br>(New PIN #) (New PIN #)         * (User ID #) (New PIN #)         * (User ID #) (New PIN #)         * (s and PINS         Keystroke Combination         * (Master Code) # | Reset to Factory Default:<br>This will reset the device to ti<br>information will still be retaine<br>1. Power the device off.<br>2.Press the exit button, hold if<br>3.There will be two beeps, ref<br>4.Then read any two 13.56MI<br>Card, the 2nd one is Mater I<br>The device has been reset s<br><b>Erase all Users</b><br>This will delete ALL User data<br>1. Enter Program Mode by pr<br>2. Press 20000 #<br>3. Exit. *<br>All configuration data is retain<br><b>Reset Strike-Out Alarm</b><br>Enter Master Code or Valid C<br>Master Cards Usage<br>Using Master Card to add<br>Add Card User | ad.<br>it and power on<br>lease the exit button<br>Hz Mifare card/tag, the 1st one is Master A<br>Delete Card, the LED will turn into red<br>successfully.<br>a.<br>ress: * (Master Code) #.<br>hed.<br>Card/PIN to silence<br>1. (Read Master Add Card)<br>2. (Read User Card)<br>3. (Read Master Add Card)<br>Repeat Step 2 for additionaluser of<br>1. (Read Master Delete Card)<br>2. (Read Master Delete Card)  |

# ZKTECO



| Simplified Instruction         |   |  |  |  |  |  |
|--------------------------------|---|--|--|--|--|--|
| Function Description           | Operation   |  |  |  |  |  |
| Enter the Programming Mode     | * (Master Code) #<br>(123456 is the default factory<br>master code)   |  |  |  |  |  |
| Change the Master Code         | 0 (New Master Code) # (Repeat<br>New Master Code) # (code: 4-6<br>digits)   |  |  |  |  |  |
| Add Card User                  | 1 (Read Card) #   |  |  |  |  |  |
| Add PIN User                   | 1 (User ID) # (PIN) #<br>The ID number is any number<br>between 1 ~ 1000.The PIN is any<br>4-6 digits between 0000 ~ 999999 |  |  |  |  |  |
| Delete User                    | 2 (Read Card) #<br>2 (User ID) #  |  |  |  |  |  |
| Exit from the programming mode | *   |  |  |  |  |  |
| How to be granted access       |   |  |  |  |  |  |
| Card User                      | Read Card   |  |  |  |  |  |
| PIN User                       | Enter (PIN) #   |  |  |  |  |  |

## Sound and Light Indication

| Operation Status                                  | Red LED                     | Green LED    | Sounds            |
|---|-----------------------------|--------------|-------------------|
| Power on  | Flashing                    |              | Short Single Beep |
| Stand by  | Flashing                    |              |                   |
| Press Keypad                                      | Flashing                    |              | Short Single Beep |
| Enter Master Code Entry Mode                      | ON                          |              | Short Single Beep |
| In program mode                                   | ON                          | Single Flash | Short Single Beep |
| Entered Program Step<br>Successfully              | ON                          | Single Flash | Short Single Beep |
| Entered Program Step Incorrectly                  |                             |              | Short Single Beep |
| Exit from the programming mode                    | Flashing                    |              | 3 Short Beeps     |
| Entry Granted                                     |                             | ON           | Short Single Beep |
| Open lock   | Green light bright          |              | One beep          |
| Alarm Mode Engaged                                | Flashing                    |              | Alarm             |
| Alarm   | Red light Shines<br>quickly |              | Beeps             |
| Pressing * Toggles Standby /<br>Master Code Entry | ON/Flashing                 |              | Short Single Beep |

Ι