		Specifications		Carton Inventory
1 Door Controller for Access Control Systems with No Software	The VIS-MINI-CNTRL is a mini single door control panel, can work with any entry device Wiegand 26~37 bits output reader. Card type depends on the reader, example: EM, HID, and MFR card types. It uses Atmel microcontroller to assure stable performance and equips with an infrared remote control for easy operation. The VIS-MINI-CNTRL supports 1,000 users; all user data can be transferred.	User Capacity Operating Voltage Idle Current Relay Adjustable Relay Output Time Lock Output Load Wiegand Interface Input	2 Amp Maximum Wiegand 26~37 bits	
BEEP LED D1 D0 SND + DC	If the VIS-MINI-CNTRL is connected to a keypad/reader you must first set the keypad into Wiegand mode for it to communicate correctly with the VIS-MINI-CNTRL ( <i>Refer to page No. 8</i> ). All programming will be done in the VIS-MINI-CNTRL but not on the keypad/reader. Is also highly suggested to change the master code in the VIS-MINI-CNTRL ( <i>Refer to page No. 7 and page No. 8</i> ). Features • 1,000 users' user data can be transferred • Multi access modes: Card, Card or PIN, Card with PIN and multi-Cards/PINs • Can connect with any reader with Wiegand 26-37 bits output • Can connect with any keypad reader with 4bits, 8bits (ASCII), or 10bits Virtual number output • Support Master Card function • Low temperature resistance (-40°C)	Output Environment Operating Temperature Operating Humidity Physical Dimensions Unit Weight Shipping Weight	Wiegand 26~37 bits (for user transfer)           Indoor. Meets IP66           -40°C           -090%RH           ABS Shell           L65 x W54 x H19 (mm)           L2.56 x W2.13 x H0.75 (in.)           40g           100g	VIS-MINI-CNTRL Mini Controller Infr Diode IN4004 (For relay dimmini Gammini Self Tapping Screws: 00
User Manual VIS-MINI-CNTRL				Wall Anchors
	- 01-		-02-	-03-

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-	Reset to Factory Default and Master Cards Programming	Set Master Code	Step 2	1 Enter Program Mode: * (Master Code) #
	I I		I	I

Reset to Factory Default and Master Cards Programming To reset to factory default, power off, press the Exit Button (or connect "OPEN" and "GND" to be short circuit), hold it and power on, there will be two beeps, and the LED light turns into orange, release the exit button (or disconnect "OPEN" and "GND"), then read any two cards on the external reader, the LED will turn into red, means reset to factory default successfully. Of the two cards reading, the first one is Master Add Card, the second one is the Master Delete Card. Remark:

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① The Master Cards are not included in the standard packing. The type of the Master Cards is a coording to the external reader. For example: the external reader is 125KHz HID Reader, then the Master Cards must be 125KHz HID cards. 20 If no Master Cards added, must press the Exit Button for at least 10 seconds before

release.
③ Reset to factory default, the user's information is still retained.

### PROGRAMMING -

Programming will vary depending on access configuration. Follow the instructions according to your access configuration.

Notes:

Remote Control: Please use the Infrared Remote Control to program the VIS-MINI-CNTRL. The "IR" on the VIS-MINI-CNTRL is the infrared receiving window,

VIS-MINI-CNTRL The "IK" on the VIS-MINI-CNTRL is the initiated receiving minicol, please direct the Remote Control to it. • User ID number: Assign a user ID to the access card in order to track it. The common user ID number can be any number from 0~999. IMPORTANT: User IDs do not have to be proceeded with any leading zeros. Recording of User ID is critical. Modifications

to the user require the User ID be available.
PIN: Can be any 4~6 digits except 8888 which is reserved.

# Enter and Exit Program mode

Programming Step	Keystroke Combination
1. Enter Program Mode	* (Master Code) # (Factory default is 123456)
2. Exit Program Mode	*
	-07-

Set Master Code	
Programming Step	Keystroke Combination
1. Enter Program Mode	* (Master Code) #
0 Lindata Mastar Orda	0 (New Master Cod

	2. Update Master Code	0 (New Master Code) # (Repeat New Master Code) # (code: 6 digits)
L	3. Exit Program Mode	*
L		

#### Add Users with Remote Control

VIS-MINI-CNTRL Connected with Card Reader: For the readers develop together with VIS-MINI-CNTRL, such as 3000 Series readers,

skip the below step 1; For other card readers, set the VIS-MINI-CNTRL's Wiegand input as below step 1 according to the Wiegand output of the readers.

VIS-MINI-CNTRL Connected with Keypad Reader:

VIS-MINI-UNITL Connected with Reypad Reader Can be any Keypad Reader with Altis, 8bits (ASCI), 10Bits output format Set the VIS-MINI-CNTRL as below step 1 according to the Wiegand output and PIN output format of the Keypad Reader.

## The 3000 series keypad must be set to Wiegand mode by entering the following sequence (in the keypad itself): Press: \*, master code (Default is 999999), #, 310, #, \*\*

PIN(s) can be input/added on either the remote control or the external Keypad Reader, except when the Keypad Reader is 10 digits virtual card number output, the PIN(s) can only be input/added through the Keypad Reader.

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Programming Step	Keystroke Combination	
1. Enter Program Mode	* (Master Code) #	
2. Wiegand Input bits PIN Input bits	8 (26~37) # (Factory default is 26bits) 8 (4 or 8 or 10) # (Factory default is 4bits)	
3. Exit Program Mode	*	
Pomarka: 4 magne 4 hite 9 magne 9 hite 10 magne 10 digite virtual number		

Remarks: 4 means 4 bits, 8 means 8 bits, 10 means 10 digits virtual number

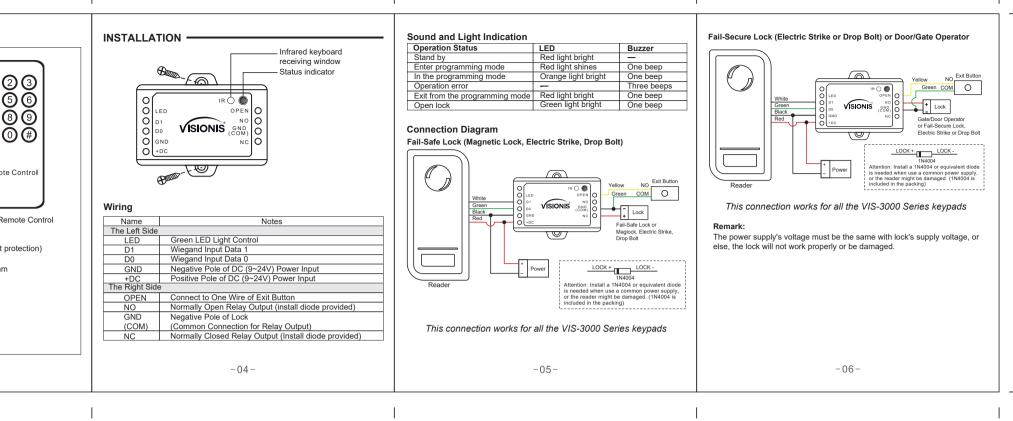
-08-

Add Card User         1. Enter Program Mode       * (Master Code) #         2. Add Card: Using Auto ID (Allows VIS-MINI-CNTRL to assign Card to next available User ID number) OR       1 (Read Card on External Reader) Repeat Step 2 for additional user card	
2. Add Card: Using Auto ID (Allows VIS-MINI-CNTRL to assign Card to next available User ID number)	
(Allows VIS-MINI-CNTRL to assign Card to next available User ID number)	
2. Add Card: Select Specific ID 1 (User ID) # (Read Card on Extern	nal
(Allows Master to define a specific User ID to associate the card to) OR Reader) # The user ID is any number from 0-95	99
2. Add Card: by Card Number 1 (Input 8/10 digits Card number) #	#
OR       2. Add Card: Block Learn         (Allows Master to add up to 1000       (The first card number) # (Card' quantit         cards to the Reader in a single step.)       Cards' number must be consecutive.         Cards quantity = number of cards to the consecutive.	
3. Exit Program Mode *	
Add PIN User	
1. Enter Program Mode * (Master Code) #	
2. Add PIN: Using Auto ID     1 (Input PIN) #       (Allows VIS-MINI-CNTRL to assign     Repeat Step 2 for additional user       PIN to next available User ID number)     (PIN: 4~6 digits)	r cards
2. Add PIN: Select Specific ID (Allows Master to define a specific User ID to associate the card to) (PIN: 4~6 digits)	0-999
3. Exit Program Mode *	

(1) Add the Fingerprint (A) on the reader (2) Add the same Fingerprint (A) on VIS-MINI-CNTRL as below:

-09-

2 OR	1 (Press Fingerprint A on the reader) (Repeat reader) # (ID auto allocated)		
0R 2	1 (User ID) # (Press Fingerprint A on the read Fingerprint A on the reader) # (Select specified		
3	Exit: *		
ard use ter Add s can be PIN user ter Add	Card – Read User Car e added continuously) 's Card – Input PIN – added continuously)		
grammi	ng Step	Keystroke Combinat	
e: Belov nselves	v is done outside progra	amming mode, users c	
Inter Pro	ogram Mode	* (Master Code) #	
ere will a	he card associated PIN auto associate PIN (8888 en adding card users)	* (Read Card) (Old (Repeat New PIN) # (PIN: 4~6 digits)	
Change t	he users' PIN	* (ID Number) # (Ol (Repeat New PIN) # (PIN: 4~6 digits)	
Exit Prog	ram Mode	*	
te User Card(s) or PIN(s) by Remote Control			
grammiı	ng Step	Keystroke Combination	
Inter Pro	ogram Mode	* (Master Code) #	
		-10-	



	2. Delete User By User ID	2 (User ID ) #	
t Fingerprint A on the	OR		
	2. Delete User – By Card	2 (Read Card on External Reader) #	
ler) (Repeat	OR		
D)	2. Delete User – By Card number	2 (Input 8/10 digits Card number) #	
	OR 2. Delete User – By PIN	2 (Input PIN) #	
	OR	2 (Input PIN) #	
	2. Delete All User	2 (Master Code) #	
1	3. Exit Program Mode	*	
	Delete Users by Master Delete C	Card	
	Delete card users		
	Master Delete Card - Read Card	<ul> <li>Master Delete Card</li> </ul>	
	(Cards can be deleted continuously)		
	Delete PIN users		
on	Master Delete Card – Input PIN	<ul> <li>Master Delete Card</li> </ul>	
an undertake this	(PINs can be deleted continuously)		
	Set Relay Configuration		
PIN) # (New PIN) #	The relay configuration sets the behave	vior of the output relay on activation.	
	Programming Step	Keystroke Combination	
	1. Enter Program Mode	* (Master Code) #	
d PIN) # (New PIN) #	2. Pulse Mode	3 (1~99) #	
	2. Puise Mode	The relay time is 1~99 seconds. (1 is 50mS)	
	OR	(Factory default is 5 seconds)	
	2. Toggle Mode	30#	
		Sets the relay to ON/OFF Toggle mode	
1	3. Exit Program Mode	*	
		- 11 -	
		-     -	

Programming Step	Keystroke Combination
1. Enter Program Mode	* (Master Code) #
2. Card access	40#
OR	
2. Card + PIN access	41#
OR	
2. Card or PIN access	4 3 (Factory default)
OR	
<ol><li>Multi cards/PINs access</li></ol>	4 3 (2~9) #
3. Exit Program Mode	*

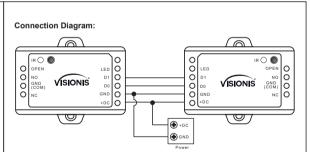
# Set Audible and Visual Response

Programming Step	Keystroke Combination	
1. Enter Program Mode	* (Master Code) #	
2. Control Sounds OR 2. Control LED	OFF = 7 0 # OFF = 7 4 #	ON = 7 1 # ON = 7 5 # (Factory defaults are ON)
3. Exit Program Mode	*	

#### User Information Transfer

The VIS-MINI-CNTRL supports the User Information Transfer function, and the enrolled user (cards, PINs) can be transferred from one (let's name it Master Unit) to another (let's name it Accept Unit). Maximum 10pcs Accepts Units can be transferred once.

-12-



#### Remarks:

- The Master Units and Accept Units must be VIS-MINI-CNTRL.
- The Master Code of the Master Unit and the Accept Unit(s) must be set to the same.
- Program the transfer operation on Master Unit only.
  If the Accept Unit(s) are already with the users enrolled, it will be covered after transfer. For full 1,000 users enrolled, the transfer takes 3 minutes.

# Set Transferring on Master Unit:

Programming Step	Keystroke Combination
1. Enter Program Mode	* (Master Code) #
2. Set transferring	96#
Within 3 minutes, Green LED shine transferred successfully.	s, that means the users' information has been
3. Exit Program Mode	*
	-13-