

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment of and on, the user is encouraged to try to correct the nterference by one or more of the following measures:

- o Reorient or relocate the receiving antenna. o Increase the separation between the equipment and
- o Connect the equipment into an outlet on a circuit
- Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.
- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

 (1) This device may not cause harmful interference, and

 (2) this device must accept any interference received, including interference that may cause undesired

The device complies with RF specifications when the device used at 0mm from your body.

To unlock the door For a PIN user Enter the PIN then press# For a **card** user For a card and PIN use Read card then enter PIN

11.2 Relay Setting (Pulse mode, Toggle mode)

Pulse mode (Factory default)	e mode (Factory default)	
Pulse mode (Door relay time setting)	4 1~99 # The door relay time is between 1~99 seconds, the factory default setting is 5 seconds.	
Toggle mode		
Toggle mode	40#	

11.3 Door Detection, Alarm, Sound and Light Settings

Door Open Too Long (DOTL) warning. When used with an optional magnetic contact or built-in magnetic contact of the lock, if the door is opened normally, but not closed after 1 minute, the inside buzzer will beep automatically to remind people to close the door and continue for 1 minute before switching off automatically.

Door Forced Open warning. When used with an optional magnetic contact or built-in magnetic contact of the lock, if the door is open by force, or if the door is opened after 120 seconds of the electro-mechanical lock not closed properly, the inside buzzer and alarm output will both operate. The Alarm Output time is adjustable between 0~3 minutes with the default being 1 minut

To disable door open detection	6 0 # (Factory default)	
To enable door open detection	6 1 #	
Alarm output time		
To set the alarm output time (0~3 minutes). Factory default is 1 minute	9 0~3 #	

Keypad Lockout & Alarm Output options. If there are 10 invalid cards or 10 incorrect PIN numbers in a 10 minute period either the keypad will lockout for 10 minutes or the alarm will operate, depending on the option selected below.

(**b**)

Normal status: No keypad lockout or alarm	70 # (Factory default)	
Keypad Lockout	71#	
Alarm Output	72#	
Light and Sound Setting		
To set keypad backlight	7 4 册 To disable keypad backlight 7 5 册 To enable keypad backlight(Factory default)	
To set LED	76	
To set keypad tone	78 # To disable the keypad tone 79 # To enable the keypad tone(Factory default)	
To remove the alarm		
To remove the Door Forced Open warning	Read Valid Card or Master Code #	
To remove the Door Open Too Long warning	Close the door or [Read Valid Card] or [Master Code #]	

12. Duress User Settings There are 10 groups Duress PIN/card available. When input Duress PIN/card, the door will open, at the same time, the output

alarm operates.(Note: all the setting are under programming mode)		
To set Duress PIN user		
To add a PIN user	8 User ID number # PIN # (The ID number is any number between 2001~2010)	
To delete a PIN user	2 User ID number #	
To set Duress card user		
To add a card user	8 User ID number # card # (The ID number is any number between 2001~2010)	
To delete a card user	2 User ID number #	

User ID number must be any 4digits between 2001~2010

© Duress Plinting in must be unique, should be distinguished from common PIN and card (When the Duress PIN/card is the same with common PIN and card, they will become invalid in Duress, and worked as common user function)

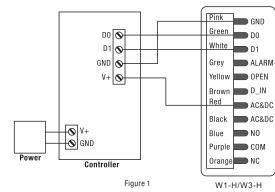
13. Wiegand Mode Setting

-H/W3-H supports Wiegand 26~37, both input and output. It can be used as a reader or controller.		
set Wiegand format:	9 26~37 # (Default setting: Wiegand 26)	

14. Interconnecting Two Devices

14.1 W1-H/W3-H operating as a Wiegand Output Reader

In this mode the W1-H/W3-H supports a Wiegand 26~37 bit output so the Wiegand data lines can be connected to any troller which supports a Wiegand $26{\sim}37$ bit input.



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The Reader will transmit the PIN data when it receives the last key (#) press after PIN code. Format: PIN Code (any 4~8 digits between 0000~99999999)

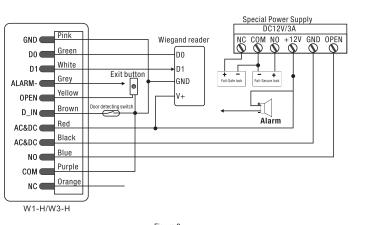
1111 #, then the output format will be: 0000111111

2: Proximity Card Transmission The Reader will transmit the card data when it reads the Card.

Format: Card Number (Note: No matter the card is valid or invalid, the data will be transmitted)

14.2 W1-H/W3-H operating as a Controller

In this mode the W1-H/W3-H supports a Wiegand 26~37 bit input so an external Wiegand device with a 26~37 bit output can be connected to the Wiegand input terminals on the W1-H/W3-H. Either an ID card reader (125KHz) or an IC card reader (13.56MHz) can be connected to the W1-H/W3-H. Cards are required to be added at the external reader, except where an external HID reader is used, in this case cards can be added at either reader or controller. See figure 2.



W1-H/W3-H Quick Reference Programming Guide

To enter the programming mode	* Master code # 888888 is the default factory master code	
To exit from the programming mode	*	
Note that to undertake the following programming the master user must be logged in		
To change the master code	O New code # New code # The master code can be 6 digits long	
To add a PIN user	1 User ID number # PIN # The ID number is any number between 1~2,000. The PIN is any 4~8 digits between 0000 ~ 9999999 with the exception of 1234 which is reserved. Users can be added continuously without exiting programming mode	
To add a Card user	Read Card	
To delete a PIN or a Card user	2 User ID number # for a PIN user or 2 Read Card # for a card user	
To unlock the door		
To unlock the door for a PIN user	Enter the PIN then press #	
To unlock the door for a card user	Present the card	

IC warning statements:

-English Warning Statement:
"This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device."

The digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B).

-French Warning Statement:

"Le présent appareil est conforme aux CNR d'Industrie Canada applicables

aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du (**Þ**)