

APPLICATION NOTE

RX4W Radio Receiver for WS4 Controller

Web Access

1. In "Settings/System Options/Configuration of the readers" in "Format 1" and "Format 2" tabs select "Wiegand 26bit" as in the picture below.

Wiegand / HID formats	OTHER OPTIONS
Format 1 :	Keypad code of fixed length : No
26 bits: RAW Y	
Format 2 :	Backlight : ON Y
26 bits: P[e:2-13] Code:24b P[o:14-25] ~	
Format 3 :	
42 bits: RAW ~	
Format 4 :	
43 bits: RAW ×	
MIFARE/DESFIRE SECURITY	
Security level : Low -	
- Secure DESFire cards	
Application ID (AID): 1 =1h	
Show key V	

2. In "Doors/Reader/Card" select "Wiegand (decoded)" as in the picture below.

GENERAL	[ID:10] ?	DOOR CONTACT	?
Name of the access :	Group :	Type :	
RX4W Radio receiver	0 ~	Not connected	
Type of access :			51-57
Door Access with 1 reader	~	FREE & FORBIDDEN PERIODS	0
Location : Lock tin	ne :	Free periods :	
Neutral ~ 3]sec.		~
		Forbidden periods :	
Toggle mode Interlock Manag	e an elevator		×
Unlock if emergency		12-	
FREE OUTPUT PUSH BUTTON	?		
Active period : 24h a day, 7d a week			
2411 a day, 70 a week	, and the second se		
Record 'free output' events			
Reader A	?		
Cabling: on LB1, reader at address 1 (jumper closed)			
Card : Wiegand (decoded) ~			
Keypad : Fingerprint :			
Card + PIN mandatory periods :			
Never (user can choose)	~		
Detection required :			
No	Ň		
Access allowed even if out of hours			
Timed Anti-passback			
Inned Anti-passback			



3. At section "Users" create new user.

Home					Lis	t of users				
Jsers	Reiresn	Enroli a ba	itch of cards C	Create secure cards						0
Categories	You can	create up to	2500 users in	the installation.						
Schedules	Na	ame 🔻 🛛 II	D Validity	Last access	Category 1	Category 2	Category 3	Card 1	Card 2	Fingerprints Ev.
schedules	🚊 rei	mote 6	614 Always	2023-03-31 12:51	FULL ACCESS	FULL ACCESS	FULL ACCESS	37006607		Ø
lolidays	🚊 rei	mote 1 6	615 Always	2023-03-31 12:50	FULL ACCESS	FULL ACCESS	FULL ACCESS	7646479		Ø
Doors	🤱 Us	ser 1 6	607 Always	2023-03-30 09:42	FULL ACCESS	FULL ACCESS	FULL ACCESS	36066044360272900	66389022	Ð
-	🔔 Us	ser 2 6	608 Always	2023-03-29 10:30	FULL ACCESS	FULL ACCESS	FULL ACCESS	36061769518183684		0
Settings	🔔 Us	ser 3 6	609 Always	2023-03-29 10:30	FULL ACCESS	FULL ACCESS	FULL ACCESS	36061769518372612	19914015	Ø
Operators	Designed	T USERS								0
		RT USERS export the lis		CSV file. The file is enco	ded in UTF-8 with BO	M (Byte Order Mark).				() •
						WS4 V2.60 © XPR 0	Troup			100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100
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						WS4 V2 60 © XPR 0	iroup			-
						WS4 V2 60 © XPR 0	iroup			-

4. At "**Card 1**" section select the icon Each key from the remote will generate a different number and can be defined like different user.

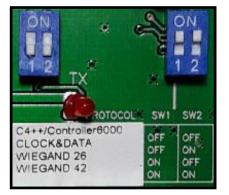
General	?	Categories	(?
Full name :	[id:615]		<u> </u>
remote 1		FULL ACCESS	
Disabled This user can acknowledge alarms		Category 2 :	
		FULL ACCESS	``
Validity	alid	Category 3 : FULL ACCESS	2
From :	Enroll a new card		?
То :	Present a new card on one	of the readers of the installation	(B)
	c	ancel	
		Code in Wlegand 26 bit:	
		PIN code :	

Number generated at the "**Card 1**" field is Card 1 ID number. Chose the validity for the user, category for the user, and click on "**Save**".

_	remo	ote		
General	?	Categories	?	
Full name :	[id:614]	Category 1 :		
remote		FULL ACCESS	~	
Disabled		Category 2 :		
This user can acknowledge alarms		FULL ACCESS	~	
		Category 3 :		
Validity		FULL ACCESS	~	
Always valid				
From : 00:00 ~		Identifiers	?	
		Card 1:		
то:		37006607		
		Code in Wiegand 26 bit: 052 44303 Card 2 :		
		Card 2 :	2	
		Code in Wiegand 26 bit:		
		PIN code :		
		Fingerprints		
		Fingers enrolled: 0 Detail	ils 🔻	
		How can the user delete his own fingerprints?		



5. Open RX4W cover and set up the SW1 to ON position to the desired Wiegand Output of the RX4W radio Receiver.



6. Connect the RX4W radio Receiver to the converter as shown in the picture below and put the address jumper in the WS4-CNV converter to the desired address, 0 or 1.

