

Setup XPROX-MO reader using the XPR Toolbox and WS4 setup

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This document describes how to set up the WS4 and XPROX-MO reader.
Required items:

1. XPROX-MO
2. XPR Toolbox as per request.
3. Micro USB cable (optional). **Make sure the cable supports data transfer.** If the PC cannot establish a connection with the reader, change the cable.
4. PROX-USB-X desktop reader (optional).
5. Separate Mifare DESfire card if you want to configure the reader with a card.

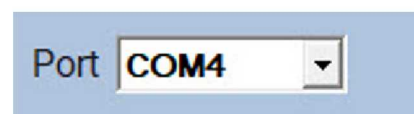
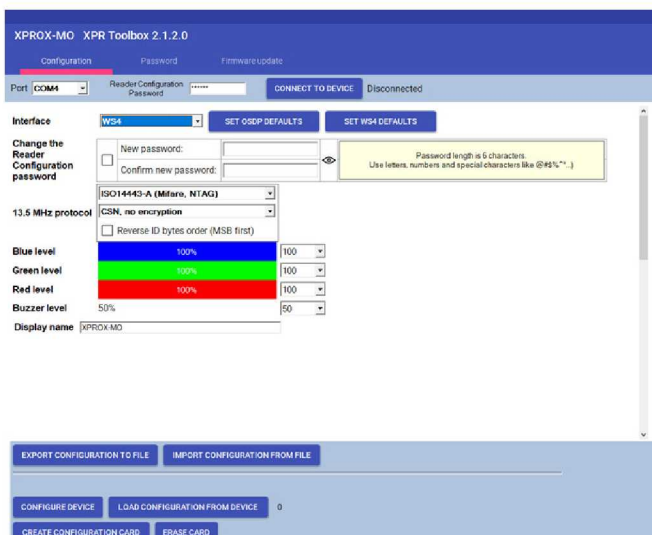


1. CONFIGURING THE READER IN WS4 MODE

- 1.1 Install the software “XPR Toolbox” version 2.1..2.0 or newer
- 1.2 Run the Toolbox.
- 1.3 Select the “XSmart readers” group and the reader model “XPROX-MO”.
- 1.4 Click on the “OPEN” tab.



1.5 Power the reader with 12Vdc and connect the reader to the PC using a micro-USB cable. If the reader is recognised by the PC, the field “Serial Port (COM)” will show the communication port where the reader is connected, like “COM4”.



- 1.6 Click the "Connect to device" tab.
- 1.7 Set the interface to "WS4".
- 1.8 Set the 13.5 MHz protocol to "ISO14443-A (Mifare, NTAG)".

interface **WS4** SET OSDP DEFAULTS

Change the Reader Configuration password

New password:

Confirm new password:

13.5 MHz protocol **ISO14443-A (Mifare, NTAG)**

CSN, no encryption

Reverse ID bytes order (MSB first)

- 1.6 Click the "Configure device" tab to configure the reader.
- 1.7 Mount the reader and connect it to the controller.

2. ADDING READERS TO THE WS4 CONTROLLER

1. Go to the section "Doors" on the main screen of the WS4 and select the available address where the reader will be configured.

List of doors

This list gives you a quick overview of the doors of your installation. ?

If the **Public** option is checked, any operator will be allowed to open or unlock the access from the home page.

ID	I/O	Name	Group	APB	ILock	Emg.	Public
#0 - Master 200050 ?							
1.0		b100	0				<input type="checkbox"/>
1.1		MTPX with CNV1000	0				<input type="checkbox"/>
2.0		Not used	0				<input type="checkbox"/>
2.1		Not used	0				<input type="checkbox"/>
#2 - Slave 265536 ?							
1.0		MTPAD-MHWQ EXIT SLAVE	3				<input type="checkbox"/>
1.1		MTPX-MHWQ ENTRY SLAVE	4				<input type="checkbox"/>

Add a slave ?

WS4 V3.01 © XPR Group

2. A new window will pop up.
3. Type the name of the access (entry, exit, main building, etc.).
4. For the card type, select "Mifare/DESfire".

5. Click on the "Save" tab.



3. ASSIGNING THE CARD CREDENTIAL TO THE USER MANUALLY

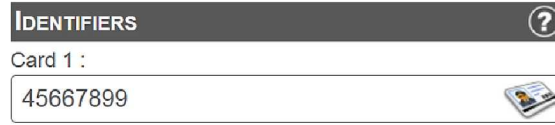
If the Card ID is written in the "Card 1" or "Card 2" field enter the number of the card.

Click on the "Save" tab.



4. ASSIGNING THE CARD TO THE USER WITH THE DESKTOP READER PROX-USB-X

- To read a card, click the “Card 1” field, place the card on the PROX-USB-X desktop reader, and the Card ID will be written in the “Card 1” field.



- If the Card ID is not written, do the desktop reader setup as described in the next section.

5. DESKTOP READER SET UP

- 5.1 Download and run “PROX-USB-X Configurator” from XPR Group. Downloads. The software runs on the Windows OS.
- 5.2 Connect the desktop reader to the PC.
- 5.3 Set the values as shown in the image below.
- 5.4 Click on the “Update reader” tab under “Reading configuration.”
- 5.5 Click on the “Update reader” tab under “Keypad configuration.”

