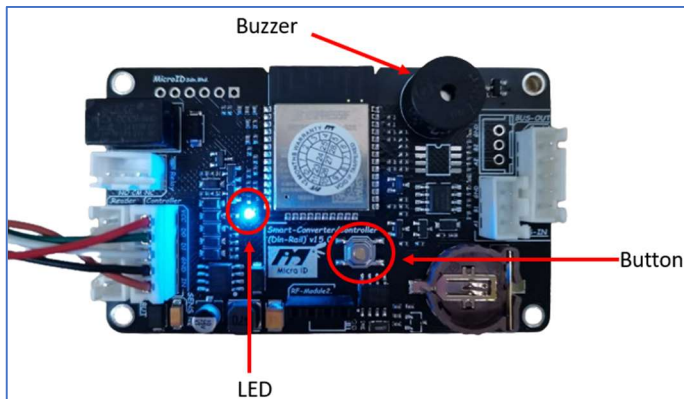


1. AP Mode Setup: Quick Guide

Follow these steps to place the Smart Converter in AP mode for configuration:

Step 1: Config Button Press

- Press and hold the config button on the board for 10 seconds.

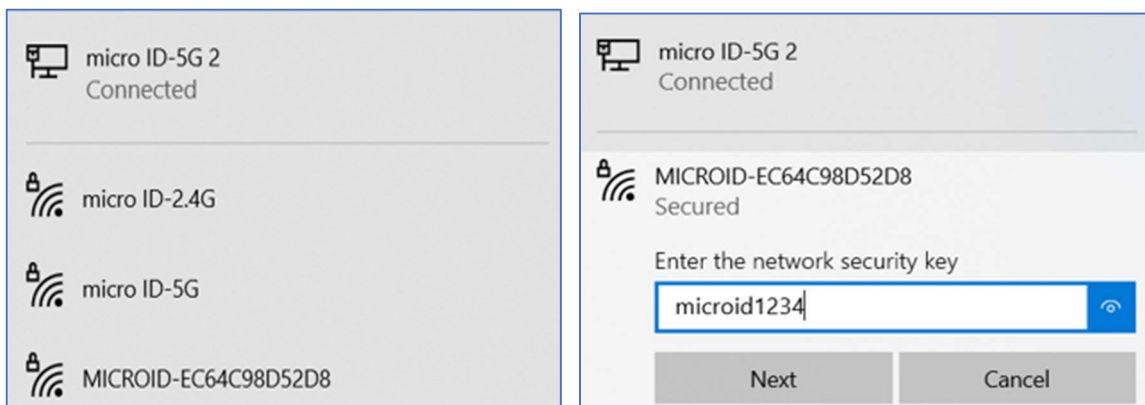


Step 2: LED and Buzzer Indication

- Wait for the blue LED to blink rapidly, accompanied by a beep from the buzzer.

Step 3: Connect to Wi-Fi AP

- Check for available Wi-Fi networks and connect to "**MICROID-XXXXXX**". The default password is microid1234.

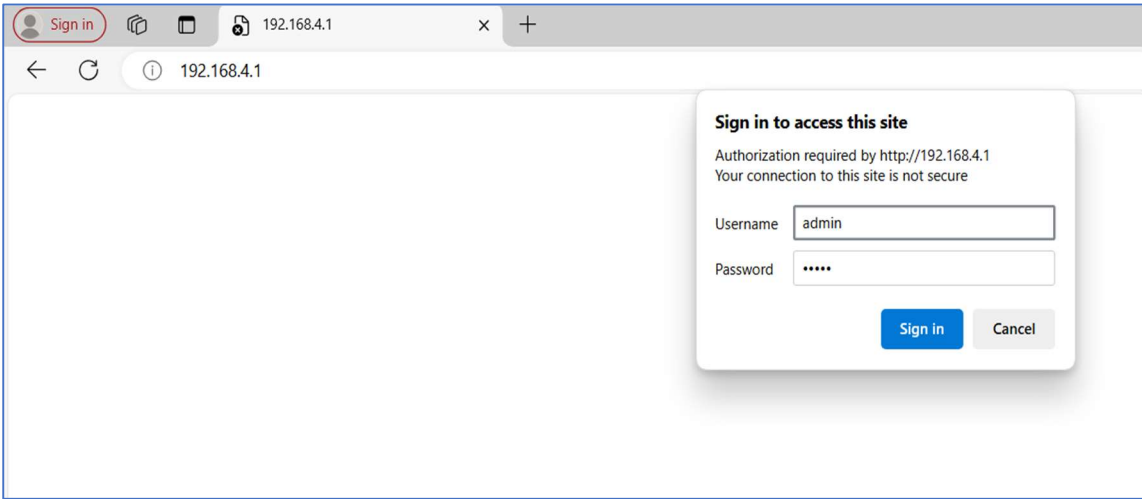


Step 4: Access Configuration Page

- Open your web browser and enter **http://192.168.4.1** or **http://microid.local** in the address bar.

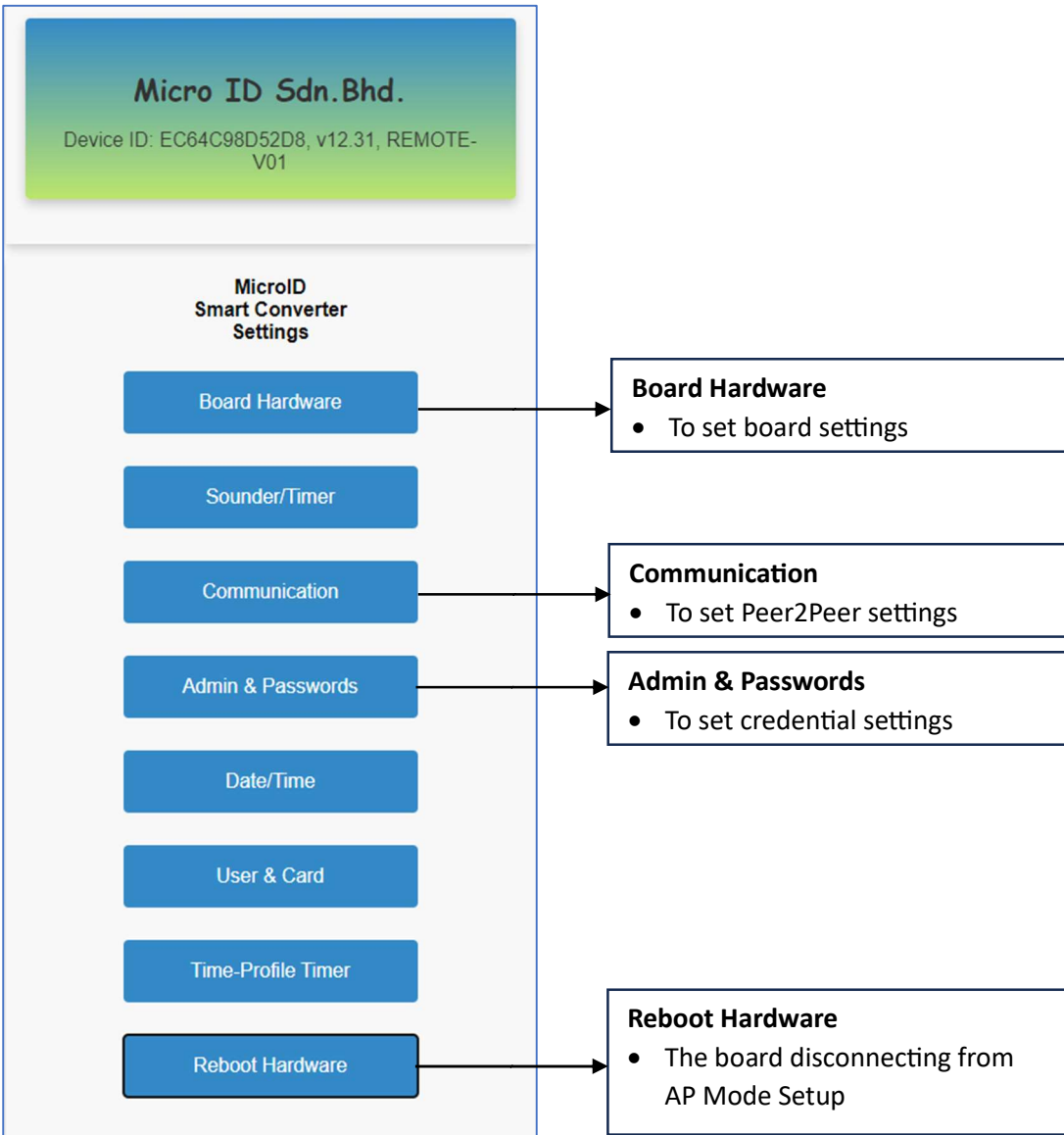
Step 5: Log in to the Configuration Page

- Once the webpage opens, log in using the default username **admin** and password **admin**.



Step 6: Home Page Configuration

- Now, you have access to the configuration settings. Customize the parameters as needed.



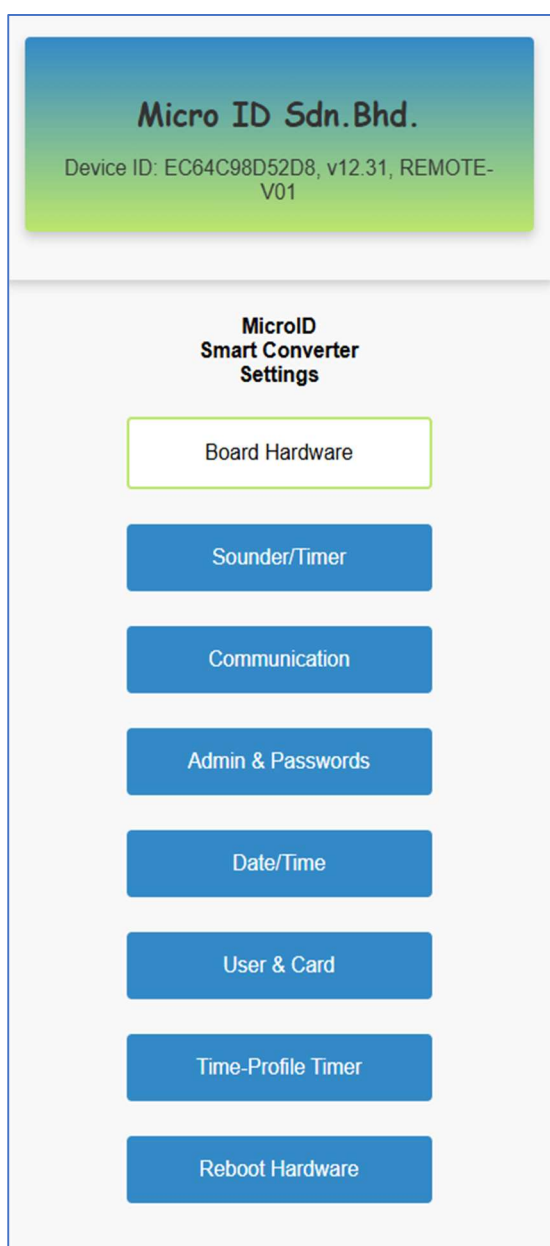
You're now ready to configure the settings of your Smart Converter in AP mode. Ensure a secure connection by updating the default login credentials and following any additional security measures recommended in the user manual. For further assistance, refer to the user manual or contact our support team.

2. Master and Slave Device Configuration Settings

Follow these steps to configure the Master and Slave Devices:

Step 1: Configuring the Master Board Settings

- The Master device is in **AP Mode Setup**
- At the **Home Page**, click **Board Hardware**
- Select button type: select any button 1, 2, 3 or 4
- Select Wiegand bit: 26, 34, or 66 bits
- Save Board and Quit



Micro ID Sdn.Bhd.

Device ID: EC64C98D52D8, v12.31, REMOTE-V01

Board Settings

Select Button Type:

1:Open
 2:In
 3:Out
 4:Button

*wireless boards will only accept from the same button-type Bluetooth and Peer2Peer

Select Board Type:

Weigand IN/OUT
 Output Bits:
 26
 34
 66

Set Weigand

SOS Button
 Set SOS

Access Control
 Set Access

Select Button Type

- Select any button (1 – 4) but it must be the same as the slave button

Select Board Type: Wiegand IN/OUT Output Bits

- Select Wiegand bits 26, 34 or 66

Note*: The following settings can be configured in their respective board-type settings as well

Push/Key
 Relay Momentary(sec):

RF-Read
 Bluetooth Read
 Bluetooth Read Strength %:

Bluetooth Broadcast
 Device-Number
 Card-Number

Peer2Peer
 Peer-Master
 Peer-Slave
 MAC:EC64C98D4FB4, CH:4

RS485 Extender
 Valid Read
 Bluetooth Secure

Save Board

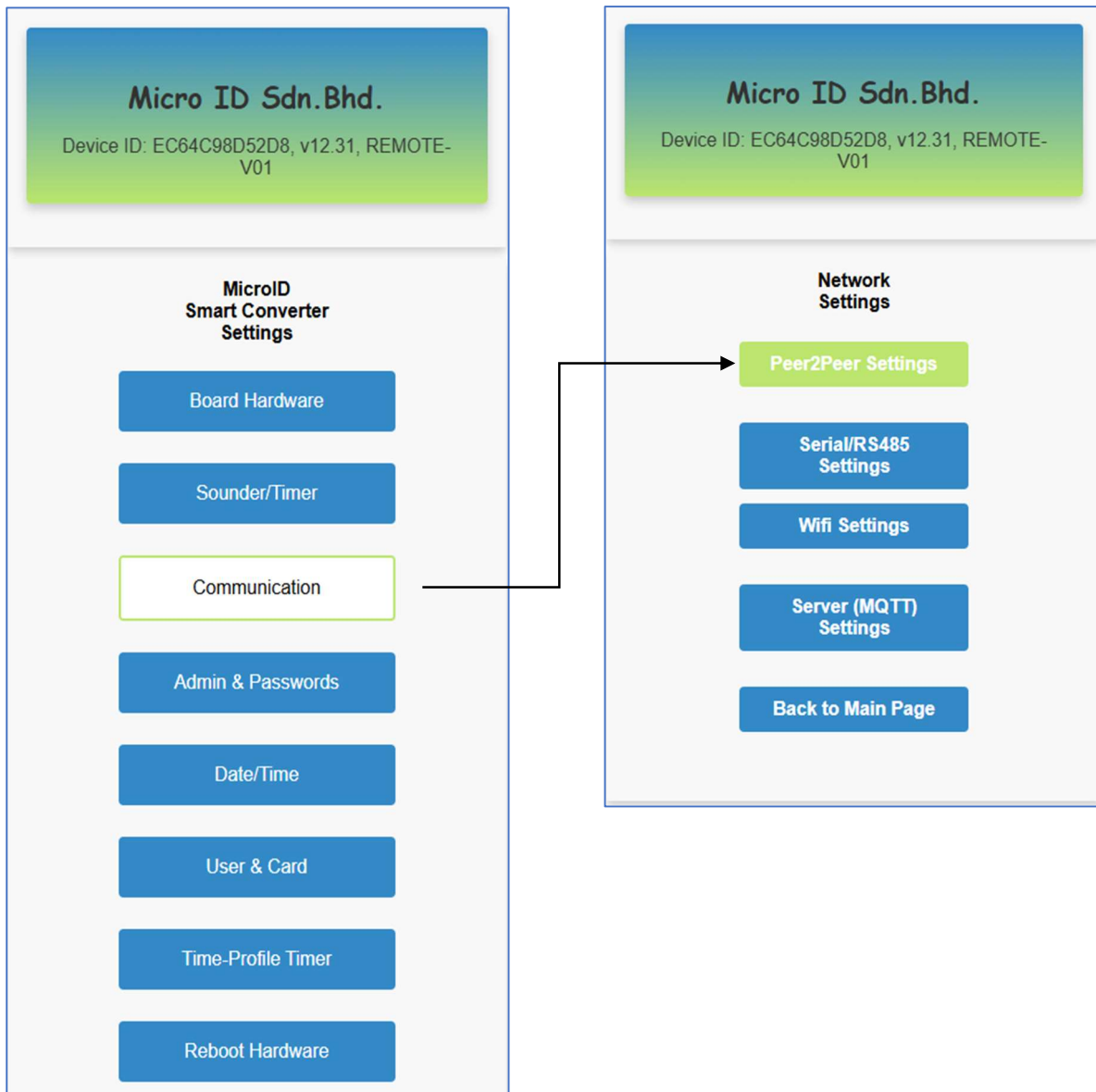
Quit

Save Board and Quit

- To save the settings and back to home page

Step 2: Configuring the Master Peer2Peer Settings

- The Master device is in **AP Mode Setup**
- At the **Home Page**, click **Communication**
- At **Network Settings**, click **Peer2Peer Settings**
- Peer2Peer: Enable Peer2Peer Read/Transmit
- Master / Slave selection: Enable **Master**
- Channel Selection: select 0 to 12 (13 channels)
- Peer Mac: Add the **Slave Board Device ID** (MAC)
- Passcode: Generate a **Random or Set Own** passcode (must be 16 characters)
- Save board and Quit
- Reboot Hardware



Micro ID Sdn.Bhd.

Device ID: EC64C98D52D8, v12.30, REMOTE-V01

Peer2Peer Settings

Peer2Peer:
 Peer2Peer Read/Transmit
*Check the box to enable Peer-to-Peer communication.
 Note*: Enabling Peer2Peer will disable Wifi usage

This Board is:
 Master Slave
In terms of security, the controller unit is typically designated as the Master, while the Readers are configured as Slaves.

ESP Channel:
 CH: 04 v
*Matching channels are necessary for paired devices to communicate.

Peer MAC:

*Please enter the MAC address of the device you wish to pair with.

Passcode:

*Generate or Set own passcode for enhanced data security.

Save Board

Quit

Device ID (MAC): EC64C98D52D8

- This is the Master Device ID of the board

Peer2Peer

- Enable Peer2Peer Read/Transmit

Master / Slave Selection

- Enable Master

ESP Channel Selection

- 0 to 12 (13 channels)
- Master and Slave must be in the sama channel

Peer Mac: exp EC64C98D4FB4

- Add the slave board Device ID (MAC)

Passcode

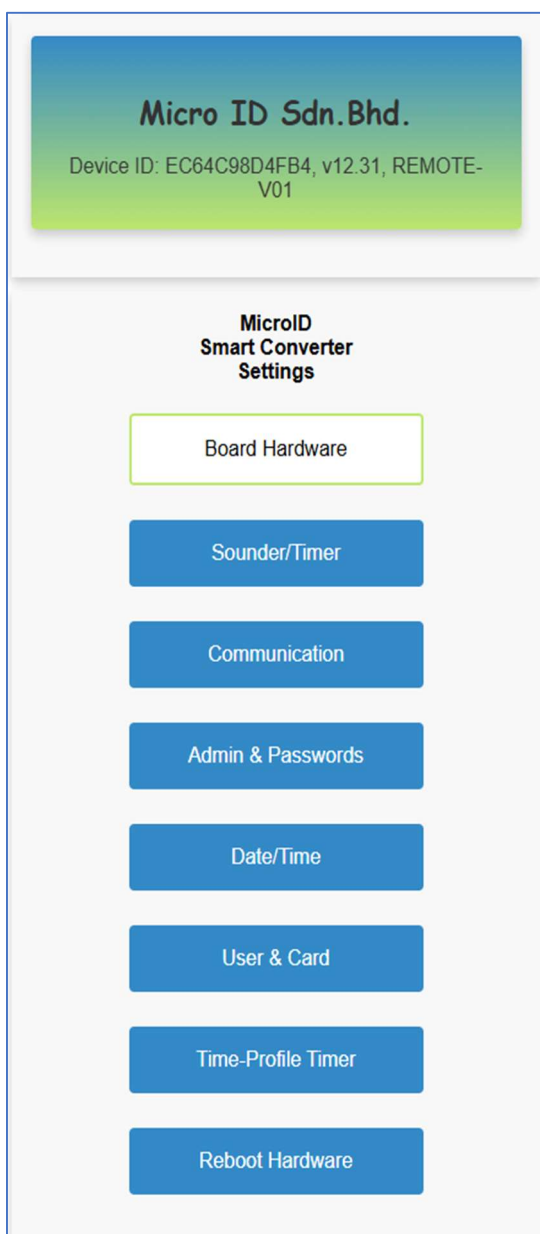
- This is the encryption code
- Master and Slave must have the same code

Save Board and Quit

- To save the settings and back to Home Page

Step 3: Configuring the Slave Board Settings

- The Slave device is in **AP Mode Setup**
- At the **Home Page**, click **Board Hardware**
- Select button type: select any button 1, 2, 3 or 4
- Select Wiegand bit: 26, 34, or 66 bits
- Save Board and Quit



Micro ID Sdn.Bhd.

Device ID: EC64C98D4FB4, v12.31, REMOTE-V01

Board Settings

Select Button Type:

- 1:Open 2:In 3:Out
 4:Button

*wireless boards will only accept from the same button-type
Bluetooth and Peer2Peer

Select Board Type:

- Weigand IN/OUT
Output Bits:
 26 34 66

Set Weigand

SOS Button

Set SOS

Access Control

Set Access

Select Button Type:

- Select any button (1 – 4) but it must be the same as the slave button

Select Board Type: Wiegand IN/OUT Output Bits:

- Select Wiegand bits 26, 34 or 66

Note*: The following settings can be configured in their respective board-type settings as well

Push/Key

Relay Momentary(sec):

1

RF-Read

Bluetooth Read

Bluetooth Read Strength %:

100

Bluetooth Broadcast

Device-Number Card-Number

Peer2Peer

Peer-Master Peer-Slave

MAC:EC64C98D52D8, CH:4

RS485 Extender

Valid Read

Bluetooth Secure

Save Board

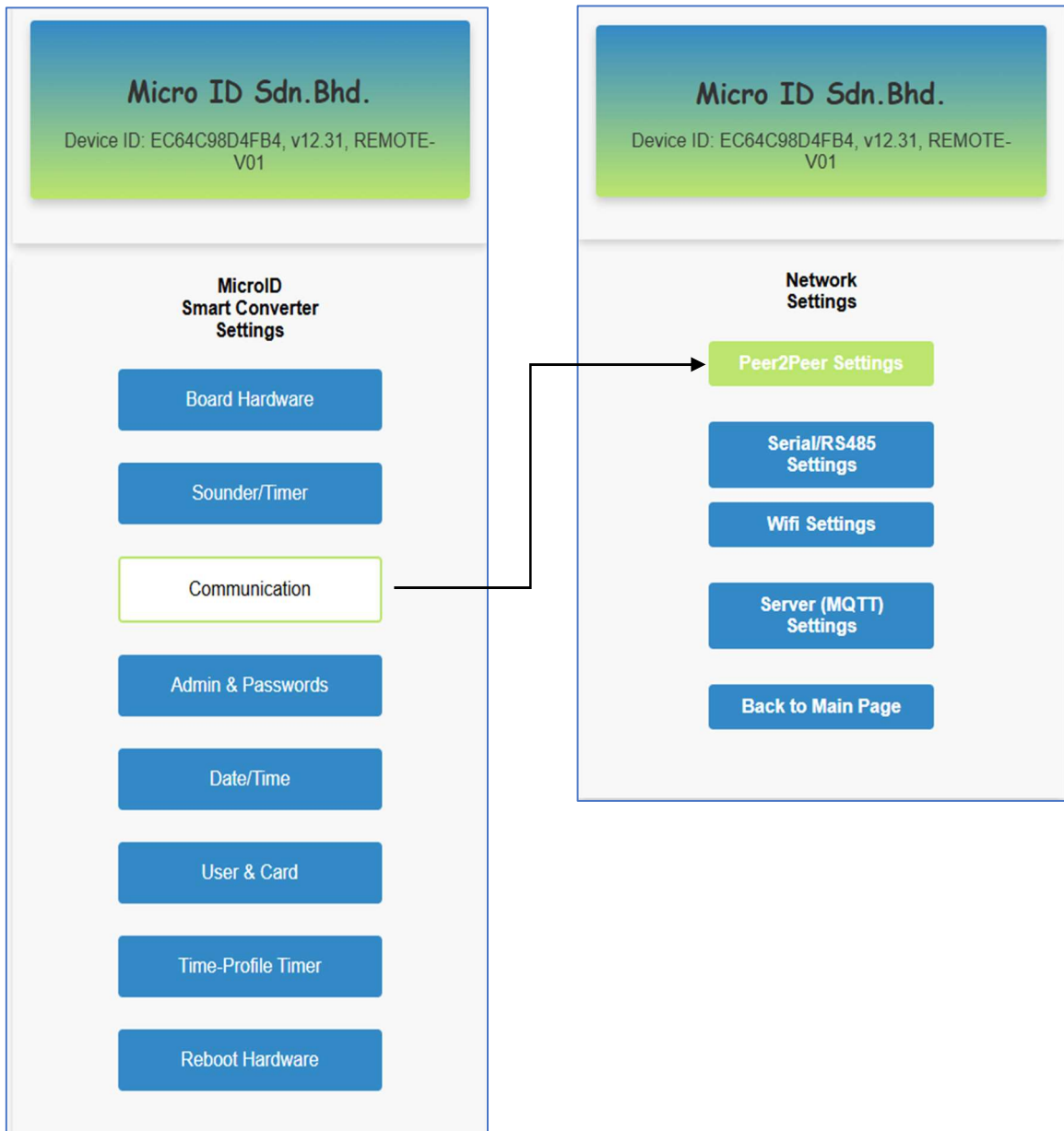
Quit

Save Board and Quit

- To save the settings and back to home page

Step 4: Configuring the Slave Peer2Peer Settings

- The Slave device is in **AP Mode Setup**
- At the **Home Page**, click **Communication**
- At **Network Settings**, click **Peer2Peer Settings**
- Peer2Peer: Enable Peer2Peer Read/Transmit
- Master / Slave selection: Enable **Slave**
- Channel Selection: select 0 to 12 (13 channels)
- Peer Mac: Add the **Master Board Device ID (MAC)**
- Passcode: Generate a **Random or Set Own** passcode (must be 16 characters)
- Save board and Quit
- Reboot Hardware



Micro ID Sdn.Bhd.

Device ID: EC64C98D4FB4, v12.31, REMOTE-V01

Peer2Peer Settings

Peer2Peer:

Peer2Peer Read/Transmit

*Check the box to enable Peer-to-Peer communication.
Note*: Enabling Peer2Peer will disable Wifi usage

This Board is:

Master Slave

In terms of security, the controller unit is typically designated as the Master, while the Readers are configured as Slaves.

ESP Channel:

CH: 04

*Matching channels are necessary for paired devices to communicate.

Peer MAC:

EC64C98D52D8

*Please enter the MAC address of the device you wish to pair with.

Passcode:

1DQd9LEyMUGQpet9

Random

*Generate or Set own passcode for enhanced data security.

Save Board

Quit

Device ID (MAC): EC64C98D4FB4

- This is the Slave Device ID of the board

Peer2Peer

- Enable Peer2Peer Read/Transmit

Master / Slave Selection

- Enable Slave

ESP Channel Selection

- 0 to 12 (13 channels)
- Master and Slave must be in the sama channel

Peer Mac: exp EC64C98D52D8

- Add the master board Device ID (MAC)

Passcode

- This is the encryption code
- Master and Slave must have the same code

Save Board and Quit

- To save the settings and back to Home Page