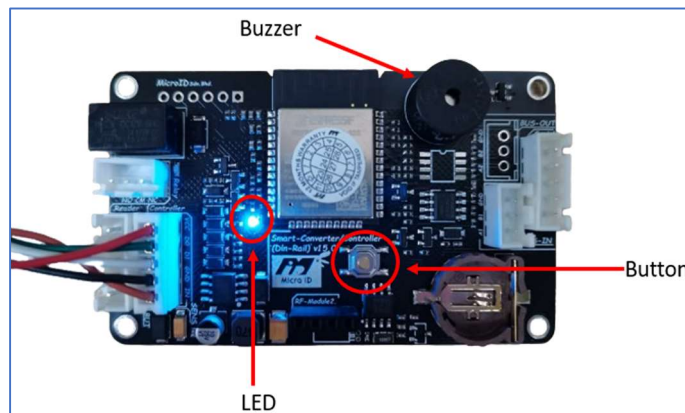


## 1. AP Mode Setup: Quick Guide

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.

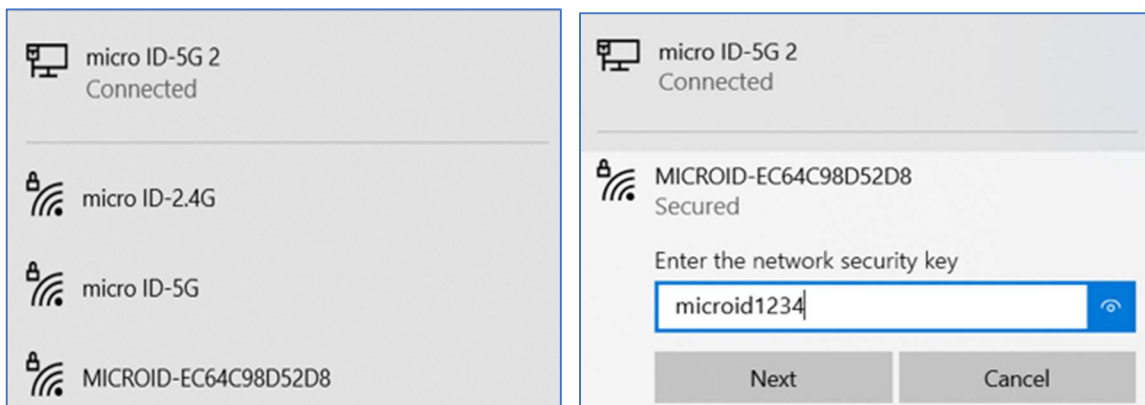


### Step 2: LED and Buzzer Indication

- 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.

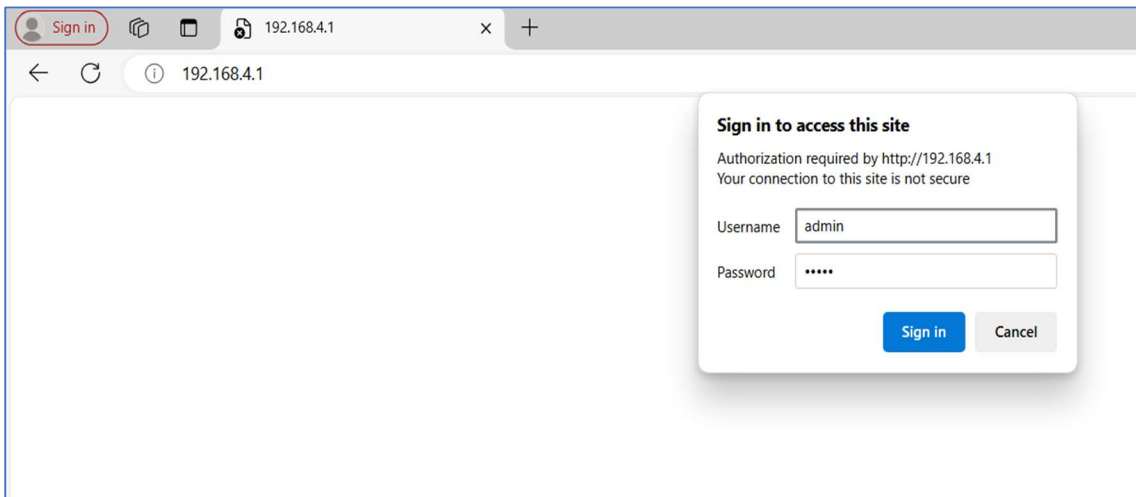


### Step 4: Access Configuration Page

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

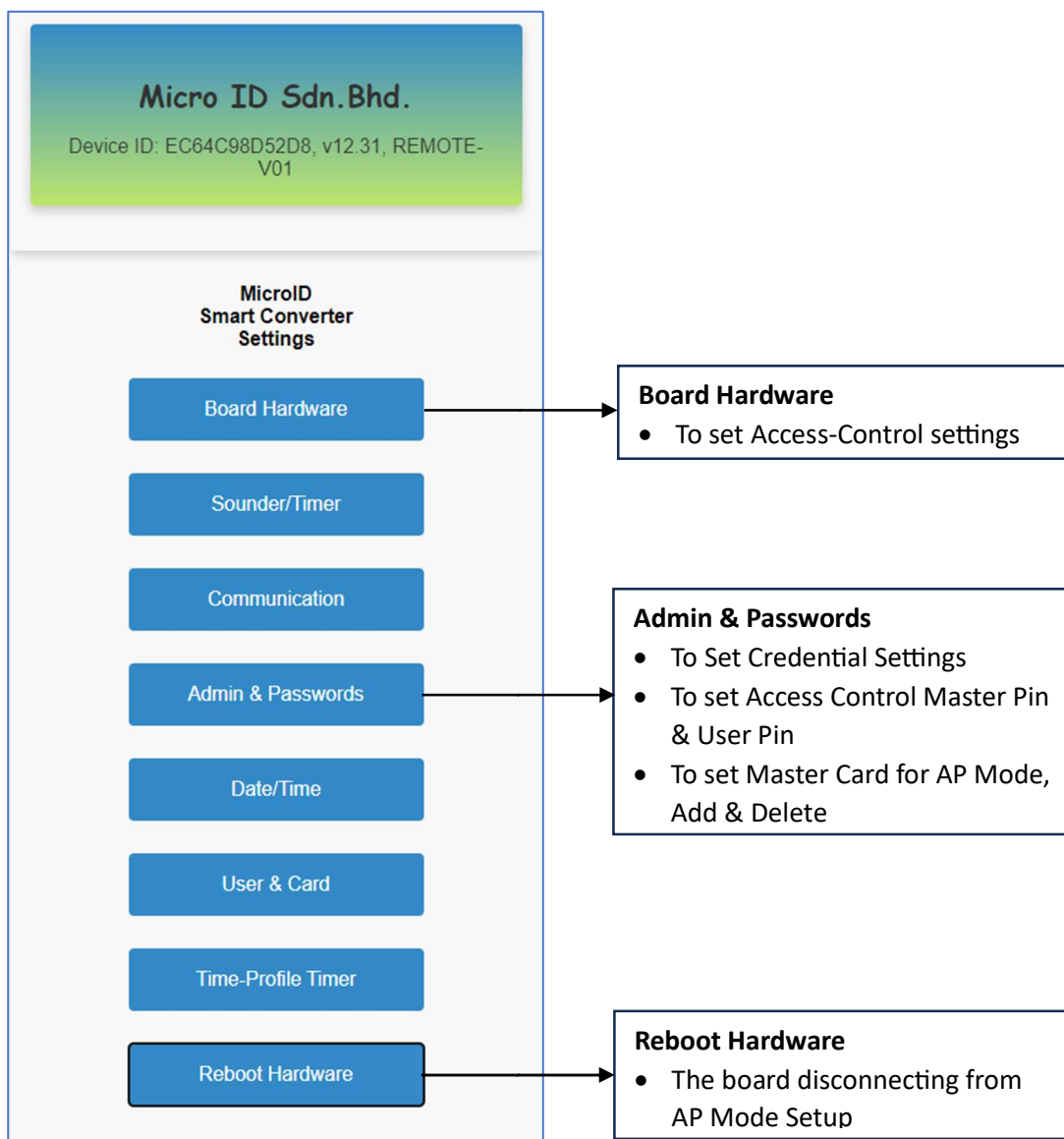
### Step 5: Log in to the Configuration Page

- 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 Controller 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. Configuring Access – Control Settings

- The Smart Controller is in **AP Mode Setup**
- At the **Home Page**, click **Board Hardware**
- Enable **Access Control**
- Save board
- Click **Set Access**
- Enable or disable push button function
- Set relay output delay time
- Save board and quit
- Reboot Hardware or continue settings

**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**

### Access Control

- Enable Access Control

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

**Push/Key**  
Relay Momentary(sec):  
3

**RF-Read**

**Bluetooth Read**  
Bluetooth Read Strength %:  
100

**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

- To save the settings

**Micro ID Sdn.Bhd.**

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

**Access-Control Settings**

Note\*: Access-Control can be used as access control or as relay-trigger

**Push-Button**

\*Push-Button can be enabled or disabled  
\*When Push-Button triggered the Relay will activate momentarily

Relay Momentary(sec):

\*Relay Momentary Seconds 1-28800 (8hours)

**Weigand Reader**

Weigand Reader as default been selected  
Auto bits detect 26bits to 66bits

**Other Type of Readers**

**Wireless Reader:**

**RF Reader**

RF-wireless can be used as access-card. Each users can have own RF-Remote

**Bluetooth Reader**

Bluetooth Reader. Phone/App can be used as access-card, Also can accept Bluetooth-Broadcast of Weigand-Out settings to extend the reader

Bluetooth Read Strength %:

Signal Strength is used how far and how near a reader can read  
30% to 100%

**Push-Button**

- Enable / Disable push button

**Relay Momentary**

- Set Relay seconds

**Extra Features:**

**Wireless Transmite/Broadcast:**

This function is used if you are using another board as wireless relay

Bluetooth Broadcast  
 Peer2Peer Transmite  
Master, MAC:EC64C98D4FB4, CH:4

**Device-ID**  Card-Number

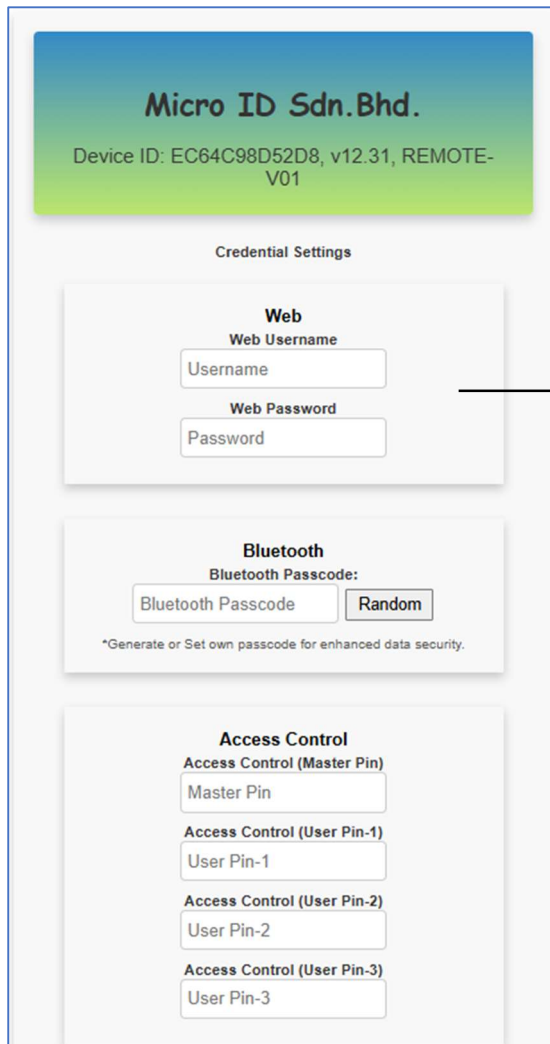
Best use-case transmitte/broadcast this device-id to extend the relay-trigger. When the access control receives valid card it will transmitte the device-id.  
Push-Button triggers also will transmitte the device-id

**Save Board and Quit**

- To save the settings and back to home page

### 3. Configuring Credential Settings

- The Smart Controller is in **AP Mode Setup**
- At the **Home Page**, click **Admin & Passwords**
- Default web username and password is admin/admin. You can change username and password
- Save Admin and Quit
- Reboot Hardware or continue settings



**Micro ID Sdn. Bhd.**  
Device ID: EC64C98D52D8, v12.31, REMOTE-V01

**Credential Settings**

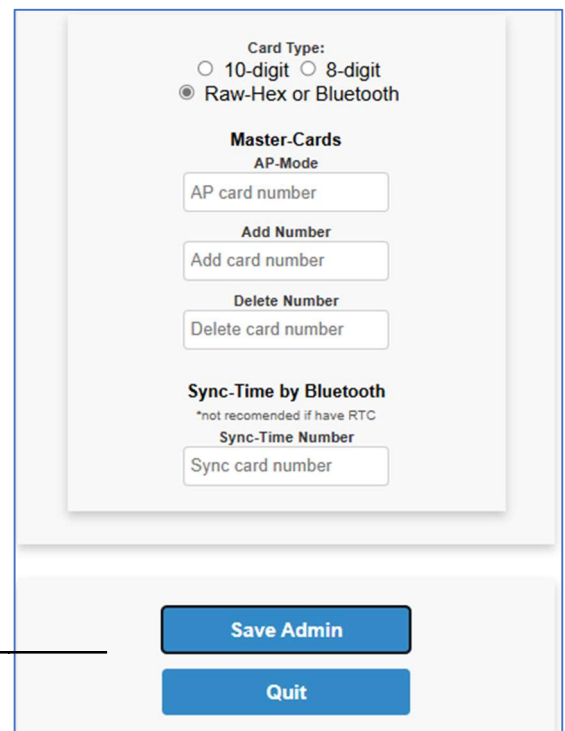
**Web**  
Web Username  
Username  
Web Password  
Password

**Bluetooth**  
Bluetooth Passcode:  
Bluetooth Passcode Random  
\*Generate or Set own passcode for enhanced data security.

**Access Control**  
Access Control (Master Pin)  
Master Pin  
Access Control (User Pin-1)  
User Pin-1  
Access Control (User Pin-2)  
User Pin-2  
Access Control (User Pin-3)  
User Pin-3

#### Web Username & Password

- Default username & password: admin/admin



Card Type:  
 10-digit  8-digit  
 Raw-Hex or Bluetooth

**Master-Cards**  
AP-Mode  
AP card number  
Add Number  
Add card number  
Delete Number  
Delete card number

**Sync-Time by Bluetooth**  
\*not recommended if have RTC  
Sync-Time Number  
Sync card number

**Save Admin**  
**Quit**

#### Save Admin and Quit

- To save the settings and back to home page

#### 4. Configuring Access Control Master Pin and User Pin (KEYPAD READER)

- The Smart Controller is in **AP Mode Setup**
- At the **Home Page**, click **Admin & Passwords**
- **Access Control (Master PIN)**: Enter a 4- to -6-digit PIN Number to enter programming mode to add and delete cards. (default password “1234”)
- **Access Control (User PIN)**: Enter a 4- to -6-digit PIN Number to access the door system
- Save Admin and Quit
- Reboot Hardware or continue settings

Micro ID Sdn. Bhd.  
Device ID: EC64C98D52D8, v12.31, REMOTE-V01

Credential Settings

**Web**  
Web Username  
Username  
Web Password  
Password

**Bluetooth**  
Bluetooth Passcode:  
Bluetooth Passcode Random  
\*Generate or Set own passcode for enhanced data security.

**Access Control**  
Access Control (Master Pin)  
Master Pin  
Access Control (User Pin-1)  
User Pin-1  
Access Control (User Pin-2)  
User Pin-2  
Access Control (User Pin-3)  
User Pin-3

#### Access Control Master Pin and User Pin

- **Master Pin**: The admin able to add and delete cards
- **User Pin (3 Set of PIN)**: Allow users to use PIN number for accessing the door system
- ❖ **4 – 6 digits PIN number**

Card Type:  
 10-digit  8-digit  
 Raw-Hex or Bluetooth

**Master-Cards**  
AP-Mode  
AP card number  
Add Number  
Add card number  
Delete Number  
Delete card number

**Sync-Time by Bluetooth**  
\*not recommended if have RTC  
Sync-Time Number  
Sync card number

Save Admin  
Quit

#### Save Admin and Quit

- To save the settings and back to home page

## 4.1 Operation Instruction

### i. Enter Programming mode

Step 1: Press “#”

Step 2: Input program Master PIN (default password “1234”)

Step 3: Press “#”

**Note: If entering in program mode successfully, the buzzer will make 2 short “di di” sound**

### ii. Function setup

#### a. Key “1”: Add Card

Step 1: Enter programming mode

Step 2: Press “1”

Step 3: Press “#”

Step 3: Present the card

Step 4: Repeat step 3 if got more cards

Step 5: Press “\*” to exit programming mode

#### b. Key “2”: Add Card by Key

Step 1: Enter programming mode

Step 2: Press “2”

Step 3: Press “#”

Step 4: Enter 10 digits card number # (**exp: 0005766590 #**)

Step 5: Repeat step 4 if got more cards

Step 6: Press “\*” to exit programming mode

#### c. Key “3”: Delete Card

Step 1: Enter programming mode

Step 2: Press “3”

Step 3: Press “#”

Step 3: Present the card

Step 4: Repeat step 3 if got more cards

Step 5: Press “\*” to exit programming mode

**d. Key “4”: Delete Card by Key**

Step 1: Enter programming mode

Step 2: Press “4”

Step 3: Press “#”

Step 4: Enter 10 digits card number # (**exp: 0005766590 #**)

Step 5: Repeat step 4 if got more cards

Step 6: Press “\*” to exit programming mode

**e. Key “5”: Delete All Card**

Step 1: Enter programming mode

Step 2: Press “5”

Step 3: Press “#”

Step 4: Press “\*” to exit programming mode

**f. Key “6”: Enter AP Mode Setup**

Step 1: Enter programming mode

Step 2: Press “6”

Step 3: Press “#”

Step 4: Follow steps 2 to 6 in the **AP Mode Setup: Quick Guide**

Step 5: Configure the settings

**4.2 Access Method**

**i. Card**

- Batch card at the keypad reader

**ii. PIN**

- Press “\*” <4- to 6 -digits User PIN number>



## 5. Configuring Access Control Master-Cards (READER)

- The Smart Controller is in **AP Mode Setup**
- At the **Home Page**, click **Admin & Passwords**
- **AP Mode (Master-Card)**: Enter AP card number
- **Add card number (Master-card)**: Enter add card number
- **Delete card number (Master-card)**: Enter add card number
- Save Admin and Quit
- Reboot Hardware or continue settings

The screenshot shows the 'Master-Cards' configuration page. At the top, 'Card Type' has three radio buttons: '10-digit', '8-digit', and 'Raw-Hex or Bluetooth' (which is selected). Below this is the 'Master-Cards' section with 'AP-Mode' and three input fields: 'AP card number', 'Add card number', and 'Delete card number'. The 'Sync-Time by Bluetooth' section has a note '\*not recommended if have RTC' and a 'Sync-Time Number' input field. At the bottom are 'Save Admin' and 'Quit' buttons. Two callout boxes are present: one pointing to the 'Add card number' field with instructions on card types and their functions, and another pointing to the 'Save Admin' button with instructions on saving settings.

**To Program Master-Cards by choose card type: 10-digit, 8-digit or raw-hex**

- **AP-Mode**: The admin can use this card to enter AP Mode Setup
- **Add card number**: The admin can use this card to add cards
- **Delete card number**: The admin can use this card to delete a card

**Save Admin and Quit**

- To save the settings and back to home page

### 5.1 Operation Instruction

#### i. Enter Programming mode

Step 1: Present the Master Card (Add card, Delete card or AP Mode)

**Note: If entering in program mode successfully, the buzzer will make 1 short “di” sound**

#### ii. Exit Programming mode

Step 1: Present the Master Card (Add card, Delete card or AP Mode)

**To return to the normal system mode**

**Note: If exiting in program mode successfully, the buzzer will make 6 short “di di di di di di” sound**

### iii. Function

#### a. Add Card by Reader (Master Card – Add Card)

Step 1: Enter programming mode

Step 2: Present the card.

Step 3: Repeat step 2 if got more cards

Step 4: Exit programming mode

#### b. Delete Card by Reader (Master Card – Delete Card)

Step 1: Enter programming mode

Step 2: Present the card.

Step 3: Repeat step 2 if got more cards

Step 4: Exit programming mode

#### c. Delete All Card (Master Card – AP Mode Card)

Step 1: Enter programming mode

Step 2: Follow steps 2 to 6 in the [AP Mode Setup: Quick Guide](#)

Step 3: At the **Home Page**, Click User & Card

Step 4: Click Delete All Cards

Step 5: Click Quit

Step 6: Reboot Hardware or continue settings

**Micro ID Sdn.Bhd.**  
Device ID: EC64C98D52D8, v12.31, REMOTE-V01

**MicroID Smart Converter Settings**

- Board Hardware
- Sounder/Timer
- Communication
- Admin & Passwords
- Date/Time
- User & Card**
- Time-Profile Timer
- Reboot Hardware

**Micro ID Sdn Bhd**  
Device ID: EC64C98D52D8, v12.31, REMOTE-V01

Card Type:  
 10-digit  8-digit  
 Raw-Hex or Bluetooth

User Card List  
Free

- Get Card Number
- Add Card
- Delete Card
- Delete All Cards**
- Quit

