

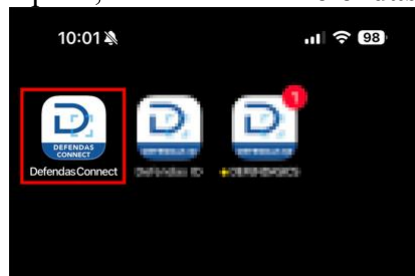
Defendas Connect Configuration & Bluetooth-Enabled Reader (ST10-MEK)

Attention: The ST10-MEK is a Bluetooth-enabled reader, meaning the Bluetooth feature is permanently active and cannot be disabled. Proper operation of the Defendas Connect app requires an account. To create an account, please contact technical support or a sales representative for further information.

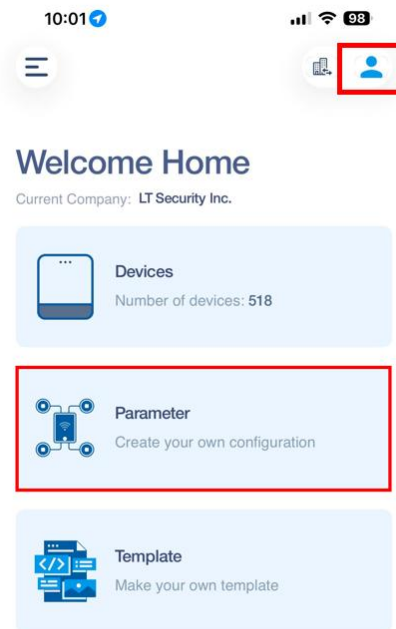
Attention: Please save and apply the settings in Defendas Connect app. If the settings are saved but not applied, the changes will not take effect. A noticeable indication that the changes have been successfully applied is when the Bluetooth reader reboots.

Attention: Virtual cards or QR codes are not necessary for the ST10-MEK to function normally. Virtual cards are an optional feature that allows unlocking via a mobile phone instead of using traditional EM/Mifare cards.

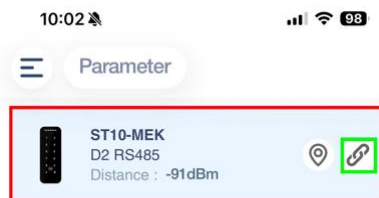
1. Once the account setup is complete, download the **Defendas Connect** app.



2. As mentioned before, logging into the account is required to use the functionality within **Defendas Connect**. Tap the person icon located in the top right corner to log in. Tap on **Parameter** to enter the reader's settings.

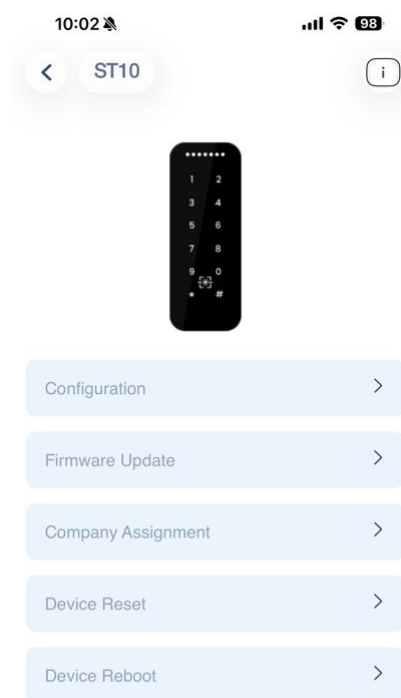


3. Once inside **Parameter**, a list of Bluetooth readers will be displayed. In this example, only one reader is connected, so only one reader is shown. Tap the chain icon to enter that reader's setting page.

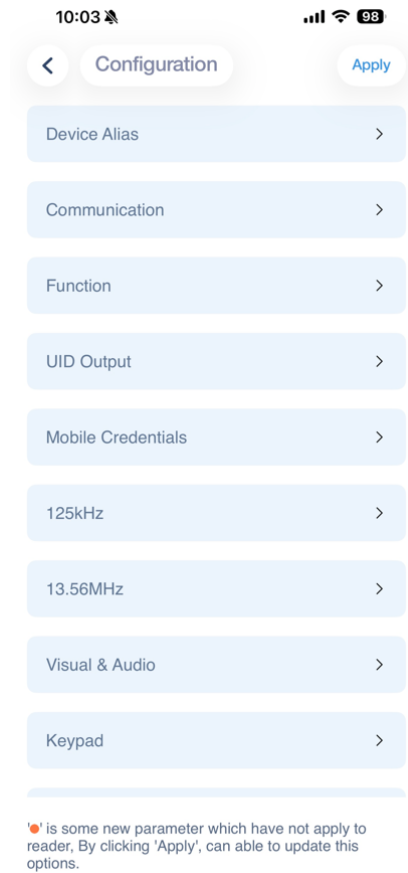


4. All settings for that reader will be displayed once inside.

Configuration	This section contains the core settings for the reader.
Firmware Update	Unless there are major issues, readers normally do not require updates.
Company Assignment	By default, LTS is already assigned to this section, so no changes are necessary.
Device Reset	This is the factory default setting for the reader.
Device Reboot	This setting will reboot the reader.

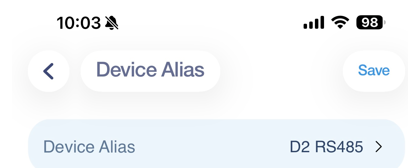


5. Not all settings require adjustment; some can be left at their default configurations, such as UID Output, 125KHz, 13.56MHz, Keypad, and QR.

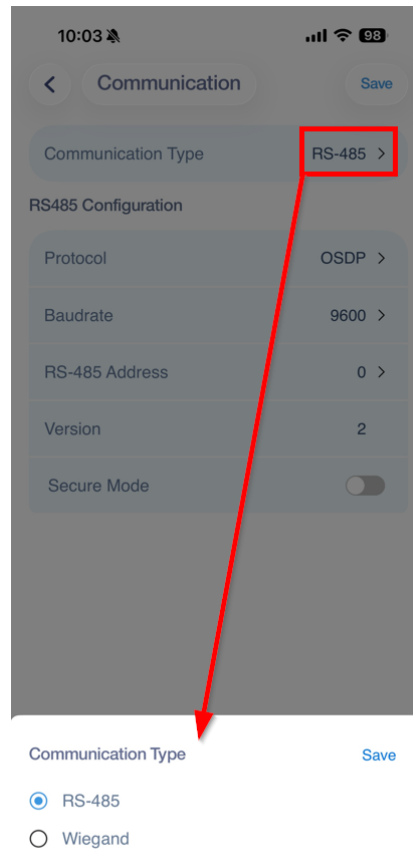


For steps 6-12, we will go over what each setting does.

6. **Device Alias** – A user-defined name for the reader.



7. **Communication** – This setting allows changing between RS485 and Wiegand for the Bluetooth reader.



Note: Please ensure that the access control side is also configured for this change. For example, if the reader is physically wired into the Reader 1 terminal block and configured to use Wiegand, the access control's Reader 1 must also be set to Wiegand in the web interface.

DEFENDAS
Welcome, admin. COI

07/29/2025 02:22 PM

Lockdown Clear Lockdown 0 3 Home Layouts Menu

Hardware Monitor Access Config Admin Back Forward Create Save Cancel Upload Software Update Download Certificate Modify Discover Controllers Resync All Delete

Configure columns (All columns are visible.)

Name Location

COI

COI - I/O

Exp Board

Secondary COI

Secondary COI - I/O

Hardware Template

Apply Template

Create Hardware Template

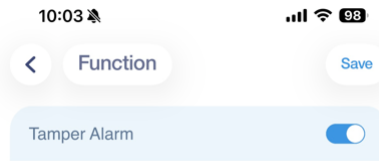
Readers

Address	Managed By	Model	Reader Type	Keypad Type	Tamper	LED Type	Serial Port	OSDP/RS-485 Addr...
READER1	Secondary COI Door 1	Custom	Data0/Data1 (WL...	Auto		1-Wire (Green)		
READER2	Secondary COI Door 2	Custom	Data0/Data1 (WL...	Auto		1-Wire (Green)		
READER3		Custom	Data0/Data1 (WL...	Auto		1-Wire (Green)		
READER4		Custom	Data0/Data1 (WL...	Auto		1-Wire (Green)		

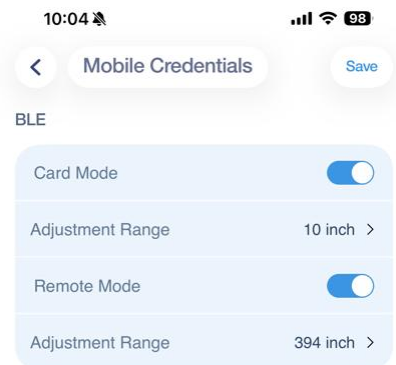
Inputs

Address	Name	Enabled	Normally Open	Function	Managed By	Linkage Type	Schedule
AC FAIL	AC Fail	☐	☐	Power Monitor	Secondary COI		
AUX IN	Aux In	☒	☐	Linkage	Secondary COI Door 1	Input-Driven No Access	24/7
BAT FAIL	Battery Fail	☐	☐	Battery Monitor	Secondary COI		
BREAK	Tamper	☐	☐	Tamper	Secondary COI		
LOCK1 BUT	Secondary COI Door 1	☒	☒	Exit Button	Secondary COI Door 1		

8. **Function** – This setting enables or disables the reader's tamper feature. When disabled, the tamper alarm will not sound even if the magnet is physically absent from the reader.



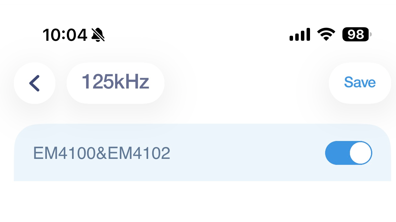
9. **Mobile Credentials** – This setting enables unlocking via Card Mode (background app unlock) and Remote Mode (the blue remote button located under the dynamic QR code within the Defendas ID app).



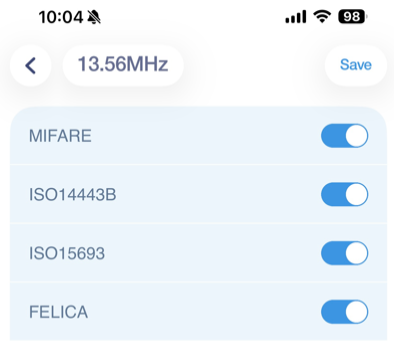
Note: The image below displays the remote button on the **Defendas ID** for **Remote Mode**, as mentioned above. The maximum distance for this feature is approximately 32 ft. or 394 in.



10. **125KHz** – This setting is enabled by default and refers to the low frequency used for EM cards.



11. **13.56MHz** – This setting is enabled by default and refers to the high frequency used for Mifare cards.



12. **Visual & Audio** – These settings allow adjustment of the Bluetooth reader's LED colors and beep volume.

