

Quick Installation Guide
Firmware and EMV Update

The purpose of this document is to walk users through the steps to update MagTek iDynamo 6 with the latest firmware, EMV tags, and CAPK files as required by the Card Brands. This process requires the use of MagTek’s free **Reader Management System** iOS app. This update process should take less than 15 minutes per device.

1. Download the **MagTek Reader Management System (RMS)** from the App Store.

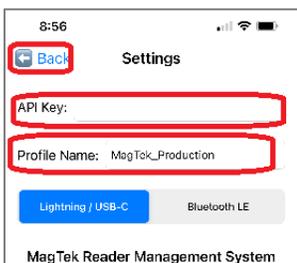


2. Restart the iOS host device by performing a hard reset. Open the **RMS** app only with the reader connected to the device port. Do not open any other apps.

3A. If you haven’t received a custom WebAPI Key, then go to Step 4 (most common). If you have received a custom WebAPI and Profile from MagTek, press the **{Settings}** button .



3B. Enter the WebAPI Key and Profile name in the Settings screen. Tap **Back** to return to Main screen

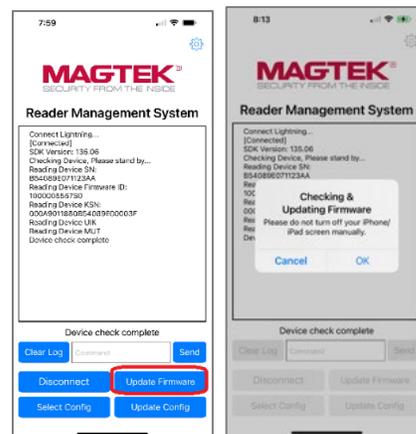


4. With the iDynamo 6 connected, open the **MagTek RMS** application and press the **[Connect]** button. The device serial number, Firmware ID and Revision level, and KSN information will be displayed.

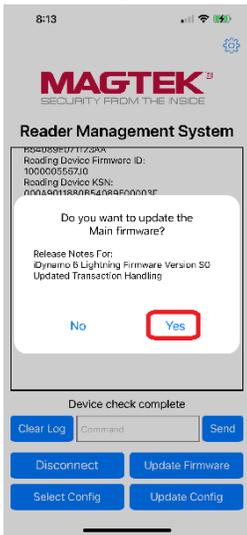
If a message appears stating **[Open Device timed out.]** then refer to the Troubleshooting Appendix.



5. Tap on the **[Update Firmware]** button. Do not turn off your device or switch screens during the update process. Press **[OK]** Button.



6. Press [Yes] to confirm the main firmware update.



7. The latest firmware will be downloaded and installed. The CAPK files and EMV tags will update if needed. Check the log to make sure the main firmware, configurations (Visa, MC, AMEX...), and Tags are updated successfully.



Troubleshooting Appendix

Connection

[Open Device timed out.] Lightning and USB-C:

Make sure the device is connected without any interference with a protective cover. The LED status should be steady **GREEN**.

[Open Device timed out.] USB-C port:

The device protocol might be set to HID mode (Windows) instead of iAP2 (iOS) mode. To check the protocol mode, perform the following steps.

- 1) With the reader powered off, insert a card into the contact slot.
- 2) Power on the reader and observe the LED status to determine the below mode.

iOS (iAP2) mode: LED flashes one green blink and blinking **BLUE** for 6 seconds, then then turns steady **GREEN**.

Windows Android (HID) mode: LED is blinking **GREEN** for 6-7 seconds, then turns steady **GREEN**.

Switching protocol modes

- 1 With the reader powered off, insert a card into the contact slot.
2. Power on the reader and when the LED starts blinking, quickly pull the card back slightly and re-insert card three times while the LED is flashing. The three card insert events must take place within 6 seconds to switch modes.
3. Check protocol mode following the above check protocol process.