

uDynamo, Dynamag, DynaMAX, eDynamo, mDynamo, BulleT

SCRA Devices
macOS MTSCRA Demo Guide

February 2017

Manual Part Number:
D998200174-10

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Table 0.1 - Revisions

Rev Number	Date	Notes
10	February 8, 2017	Initial release

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1 Introduction

This document provides instructions to use the MTSCRA Demo on macOS. It is part of a larger library of documents designed to assist uDynamo, Dynamag, DynaMAX, eDynamo, mDynamo, BulleT, and Secure Card Readers implementers, which includes the following documents available from MagTek:

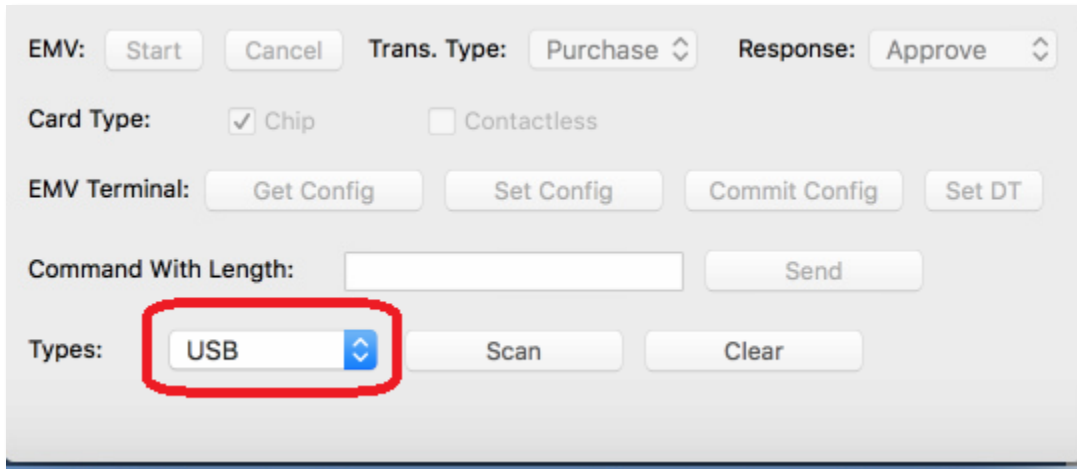
- *D998200161 DYNAMAG, DYNAMAX, EDYNAMO, MDYNAMO, UDYNAMO, BULLET PROGRAMMER'S MANUAL (MACOS)*

2 - How to use the MTSCRA Demo via USB Interface

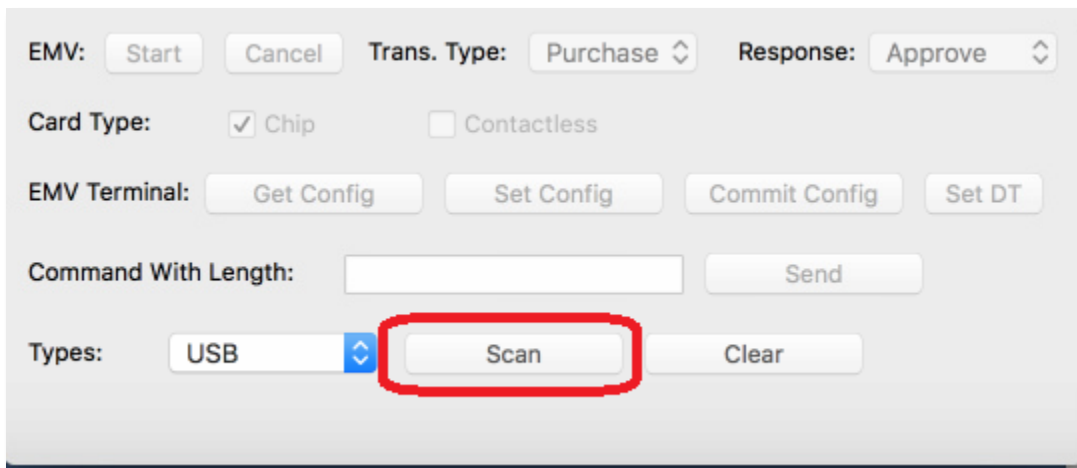
2 How to use the MTSCRA Demo via USB Interface

To set up the USB interface with uDynamo, Dynamag, DynaMAX, eDynamo, BulleT, and Secure Card Readers on a MAC, follow these steps:

- 1) Connect the device to the USB port of the MAC.
- 2) Launch the MTSCRA Demo and select **USB** as the device type in the **Type** list box.

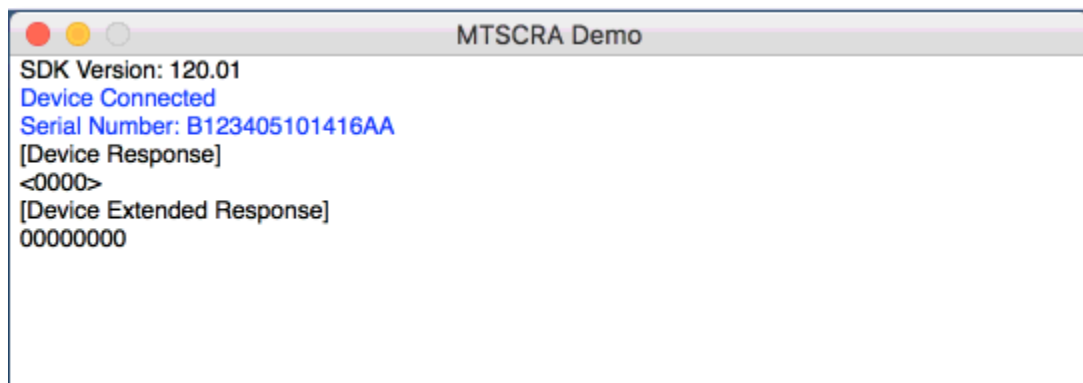
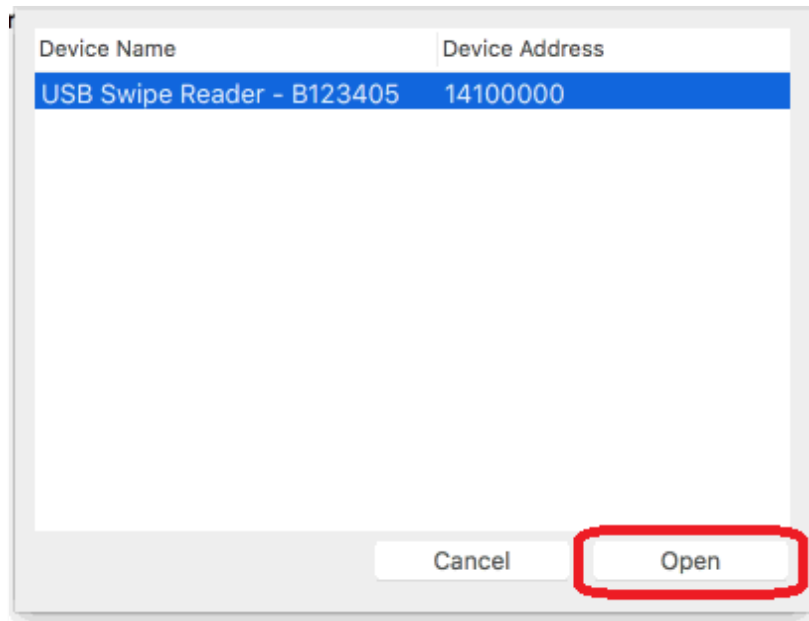


- 3) Press the **Scan** button to scan for connected USB devices.



2 - How to use the MTSCRA Demo via USB Interface

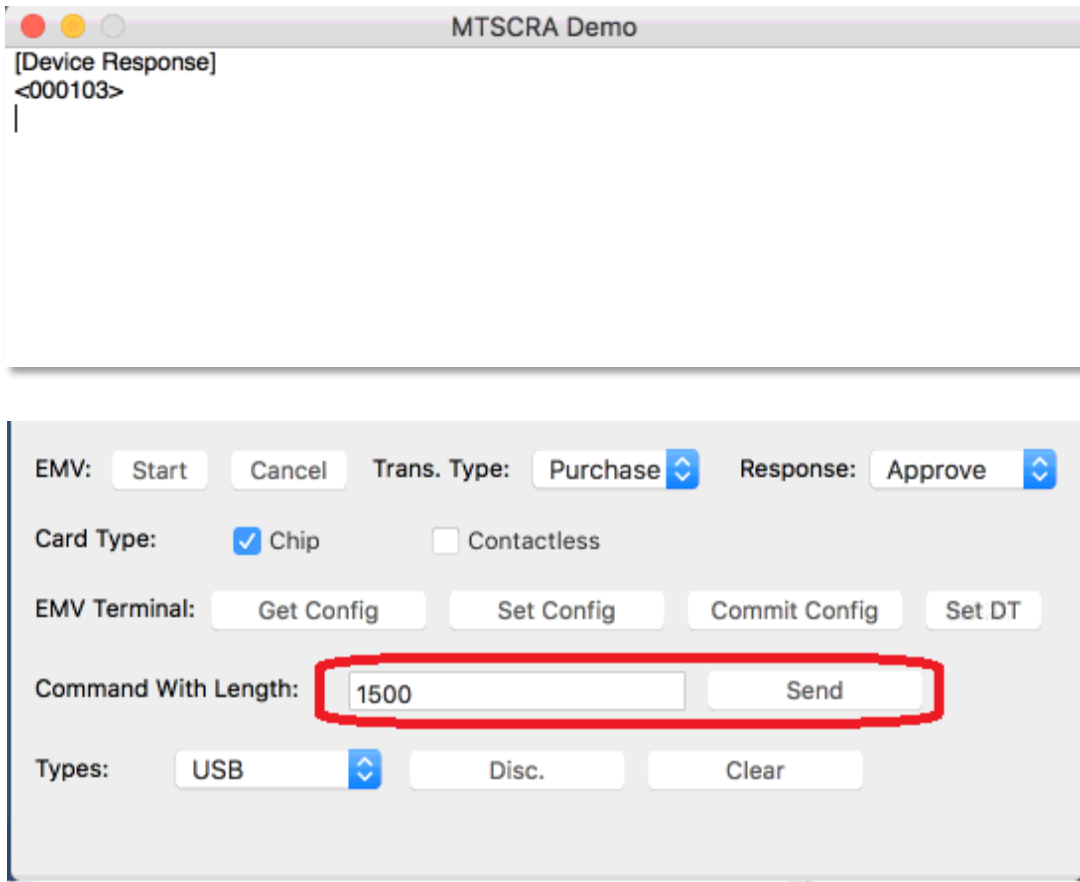
- 4) Select the Device ID and press the **Open** button to open the device.



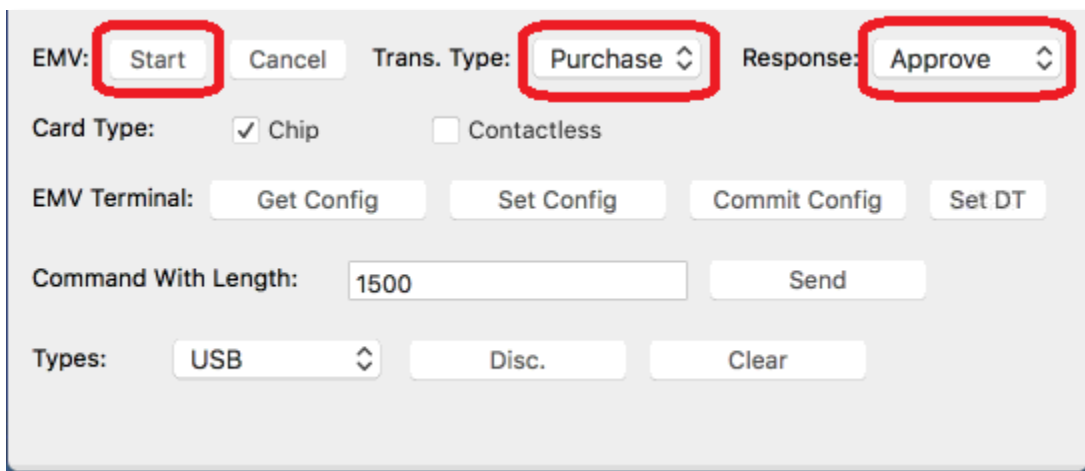
- 5) Swipe a magnetic stripe card to read the card data.

2 - How to use the MTSCRA Demo via USB Interface

- 6) If you want to send a command to the device, enter the command in the command text box and press the **Send** button.

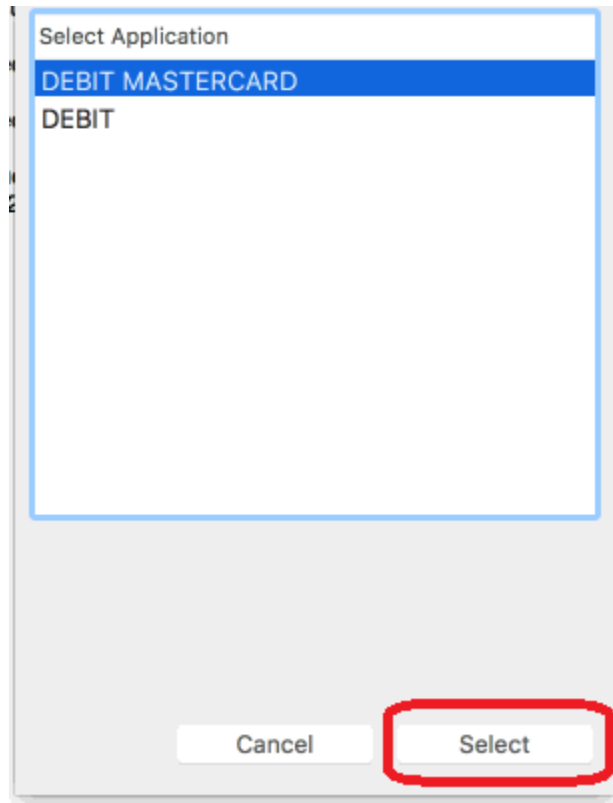


- 7) If you have an eDynamo and want to read a chip card, select the desired **Response** and **Transaction Type**, then press the **Start** button to begin an EMV transaction, and then insert the chip card when **Present Card** message appears.

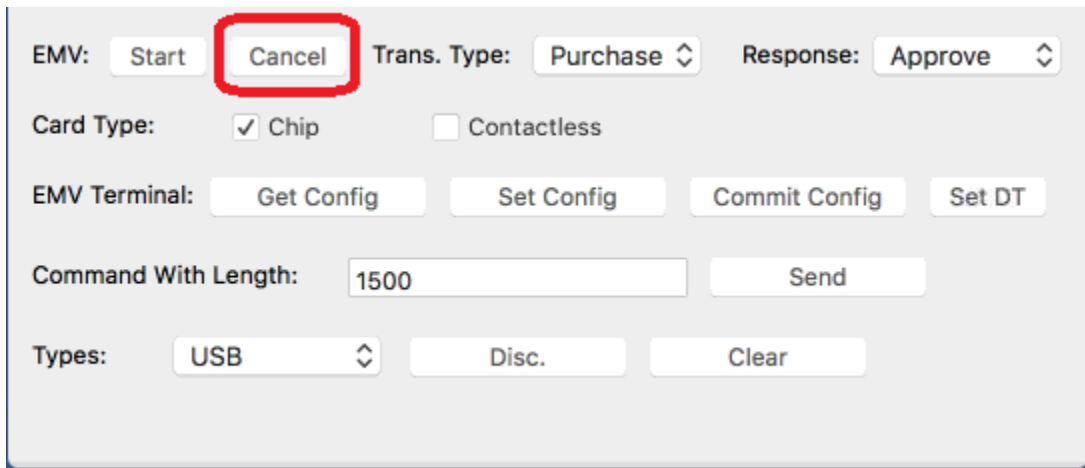


2 - How to use the MTSCRA Demo via USB Interface

- 8) Select the desired Application in the **Select Application** window, then press the **Select** button

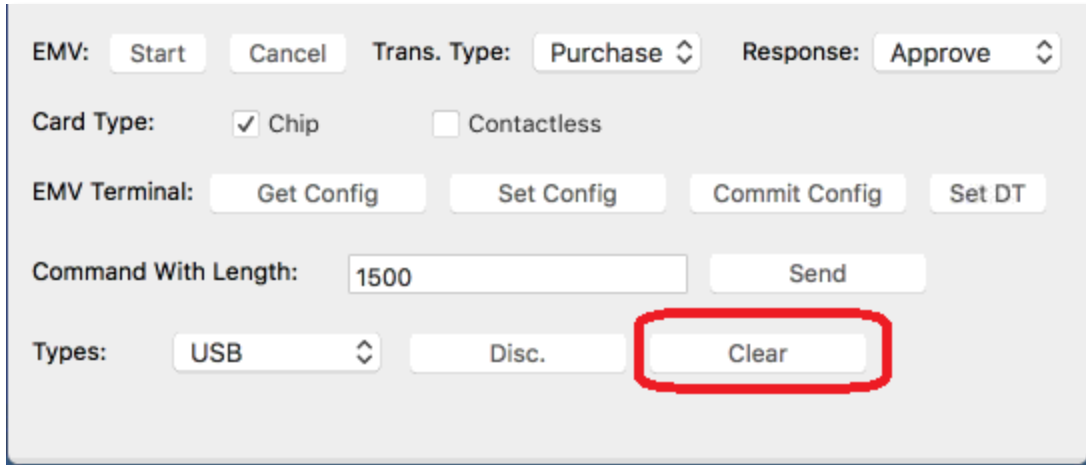


- 9) If you want to cancel the EMV transaction, press the **Cancel** button. Please note that the cancel feature will only work before the card is inserted.

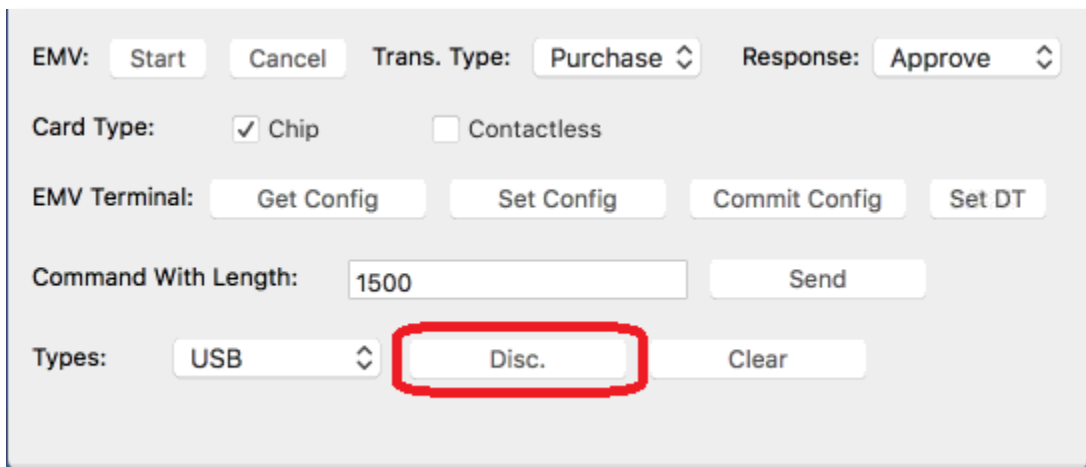
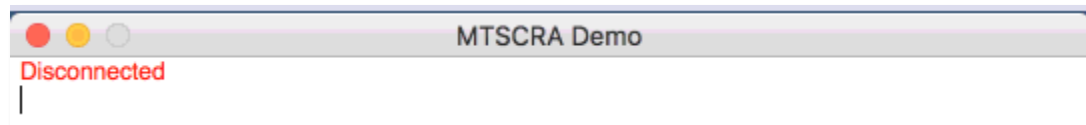


- 10) To clear the screen, press the **Clear** button.

2 - How to use the MTSCRA Demo via USB Interface



11) To close the device, press the **Disc.** button.

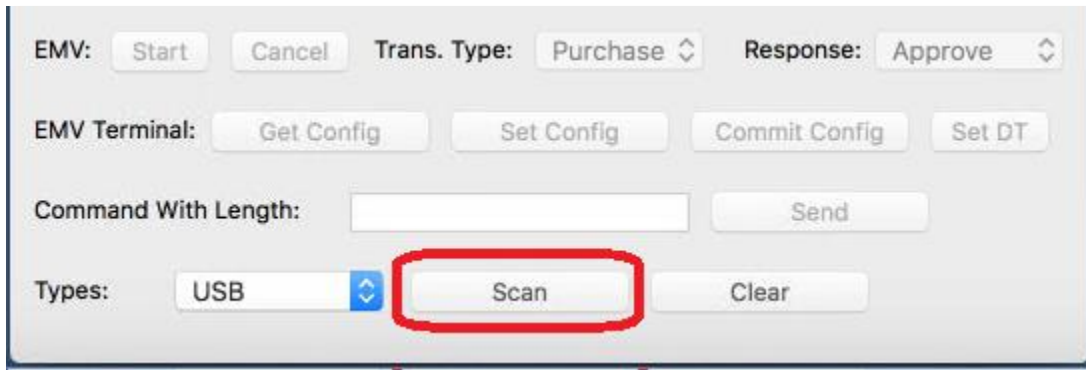


3 - How to use the MTSCRA OEM Demo via USB Interface

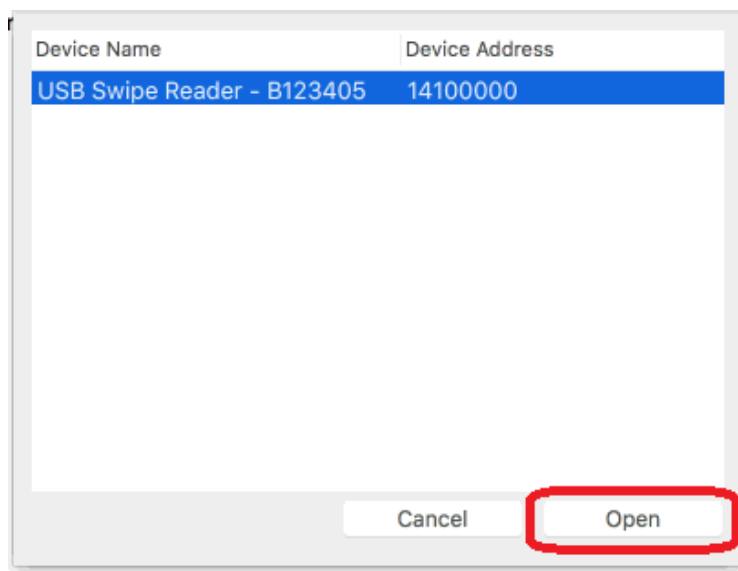
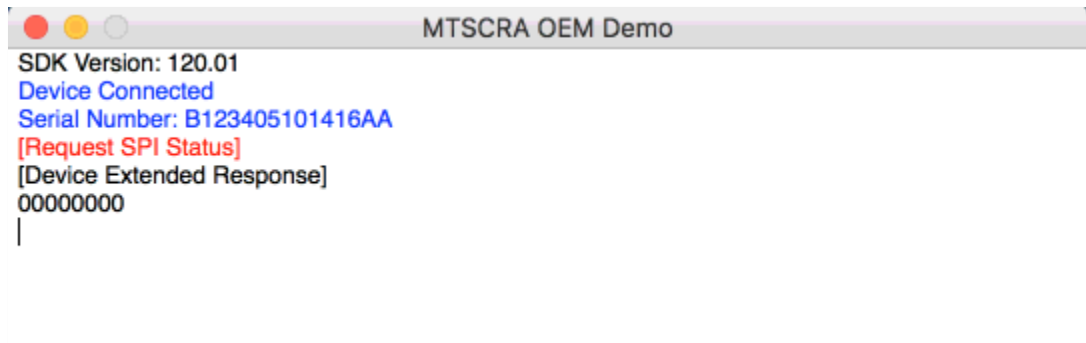
3 How to use the MTSCRA OEM Demo via USB Interface

To set up the USB interface with mDynamo on a MAC, follow these steps:

- 1) Connect the mDynamo to the USB port of the MAC.
- 2) Launch the MTSCRA OEM Demo and press the **Scan** button to scan for connected USB devices.

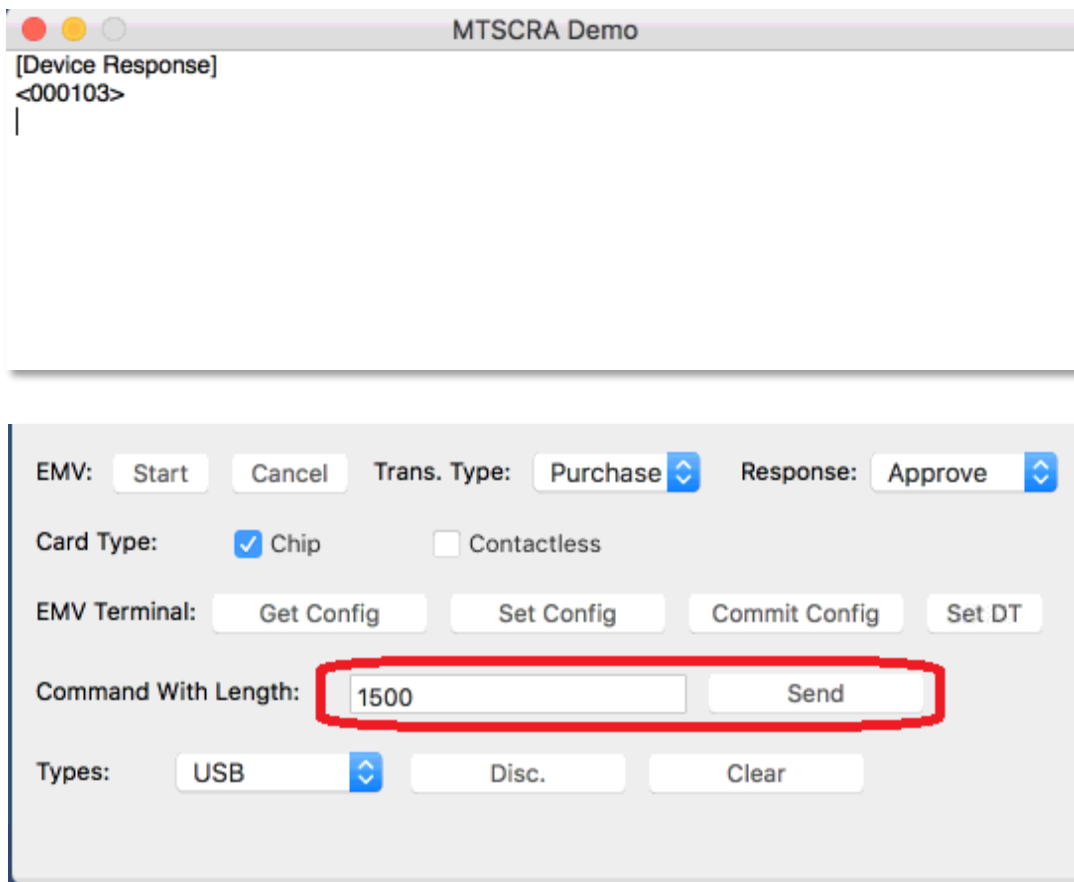


- 3) Select the Device and press the **Open** button to open the device. After the device is opened, the demo will set the time in the device automatically.

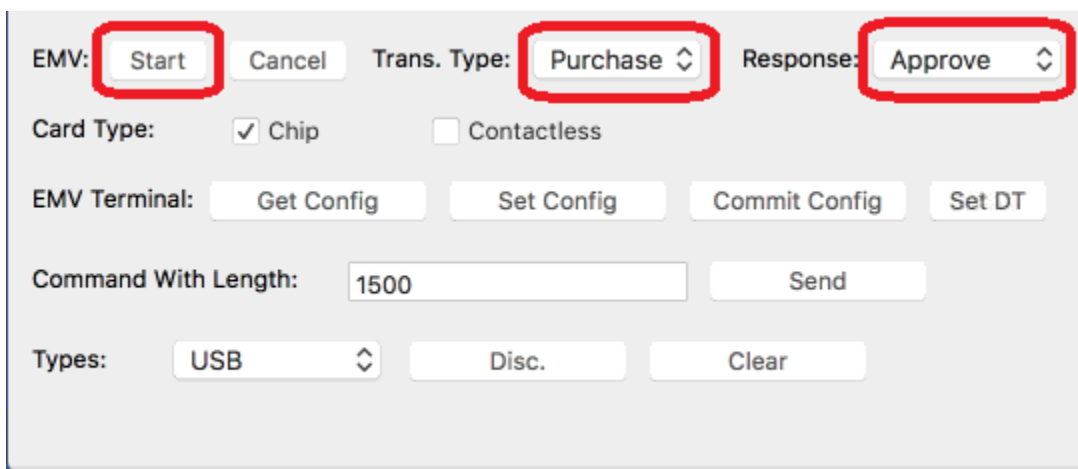


3 - How to use the MTSCRA OEM Demo via USB Interface

- 5) If you want to send a command to the device, enter the command in the command text box and press the **Send** button.

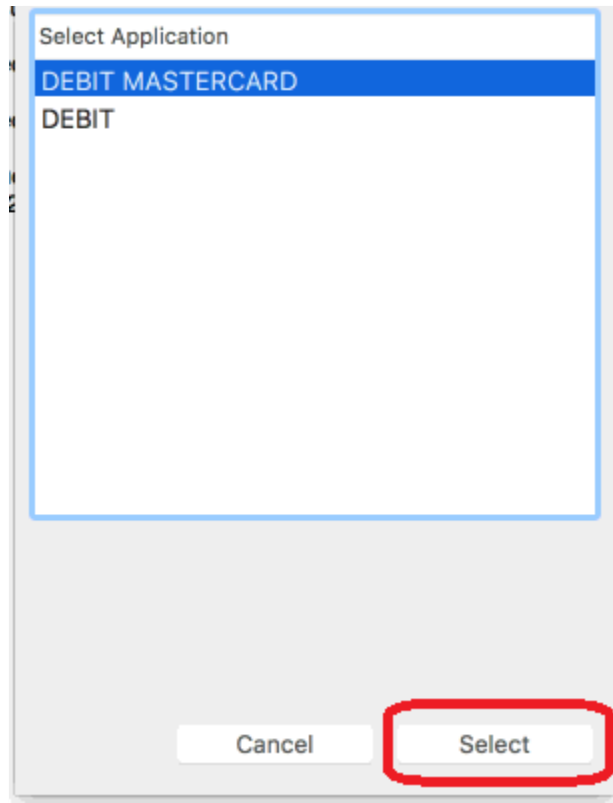


- 6) If you want to read a chip card, select the desired response and transaction type, press the **Start** button to begin an EMV transaction, and then insert the chip card when **Present Card** message appears.

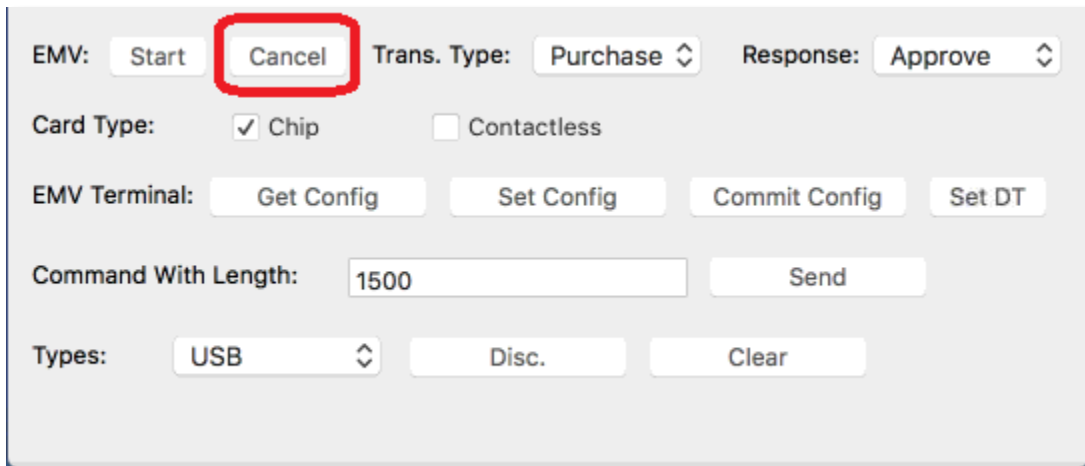


3 - How to use the MTSCRA OEM Demo via USB Interface

- 7) Select the desired Application in the **Select Application** window, then press the **Select** button

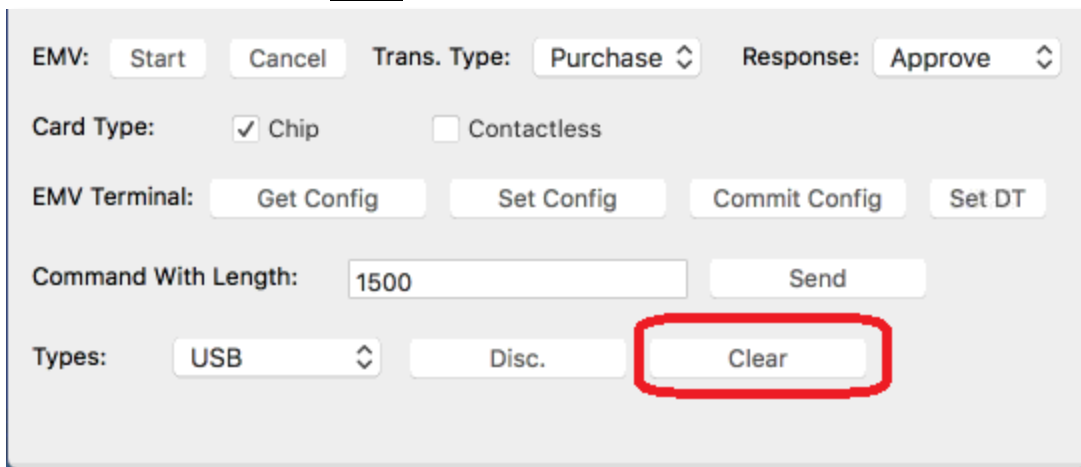


- 8) If you want to cancel the EMV transaction, press the **Cancel** button. Please note that the cancel feature will only work before the card is inserted.

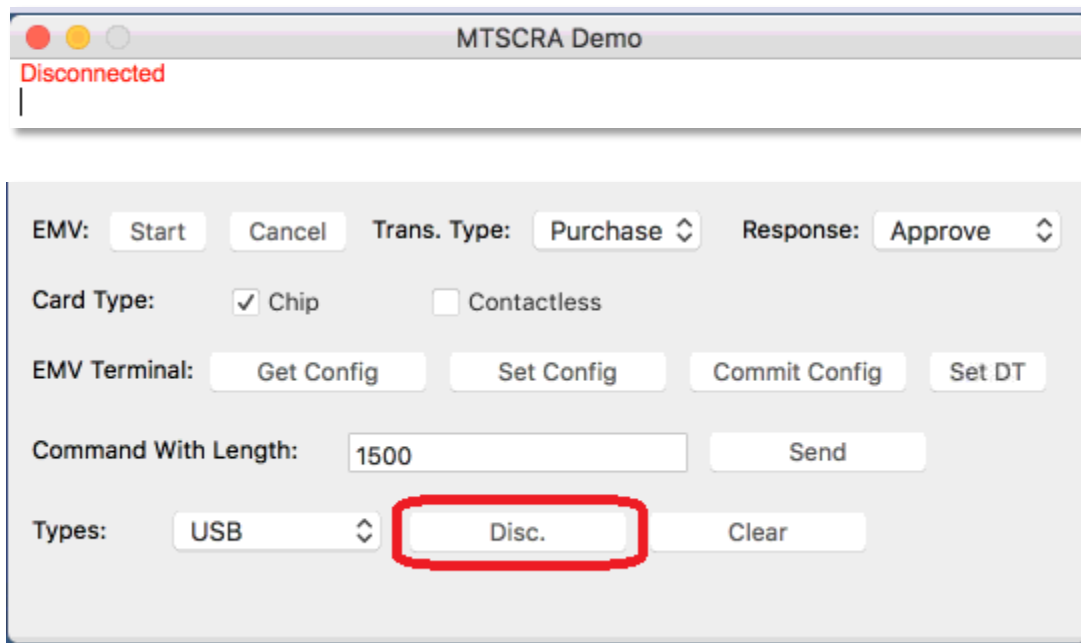


4 - How to use the MTSCRA Demo via BLE Interface

9) To clear the screen, press the **Clear** button.



10) To close the device, press the **Disc.** button.

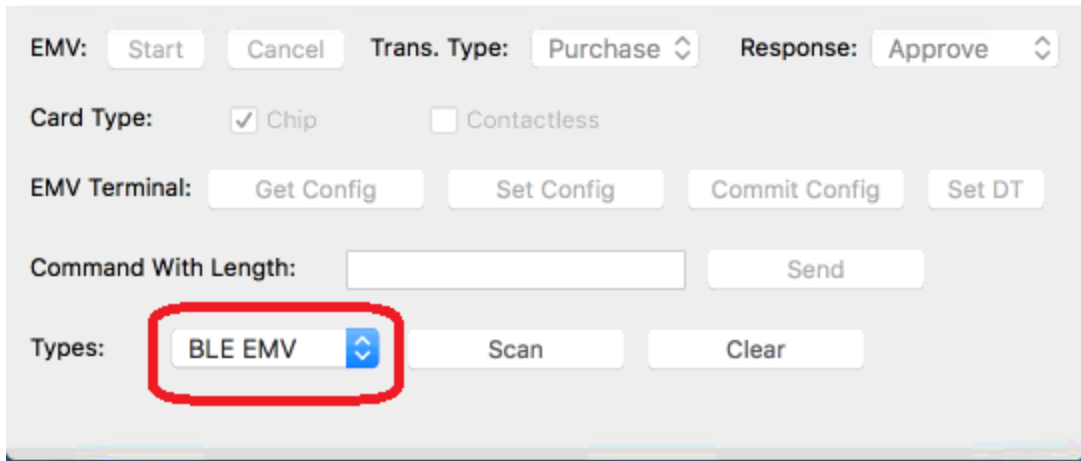


4 How to use the MTSCRA Demo via BLE Interface

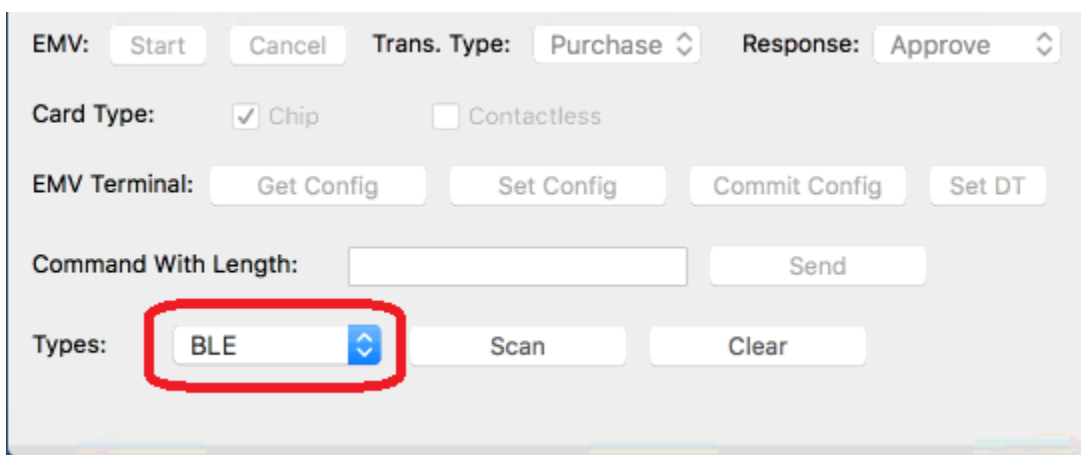
To set up the BLE interface with DynaMAX, and eDynamo on a MAC, follow these steps:

- 1) Launch the MTSCRA Demo. If using eDynamo select **BLE EMV** as the device type in the **Type** list box. If using DynaMAX select **BLE** as the device type in the **Type** list box.

4 - How to use the MTSCRA Demo via BLE Interface

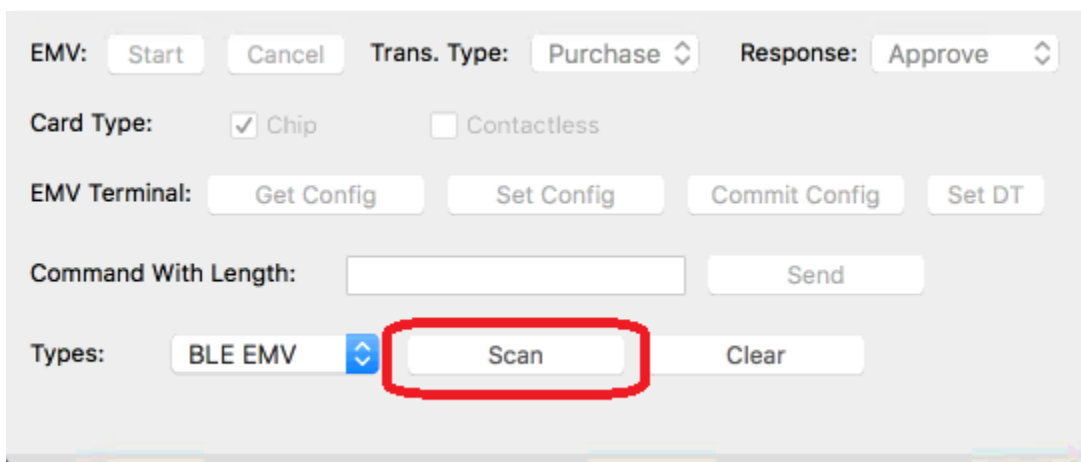


The screenshot shows the MTSCRA Demo interface. At the top, there are buttons for 'EMV: Start' and 'Cancel', and dropdown menus for 'Trans. Type: Purchase' and 'Response: Approve'. Below this, there are checkboxes for 'Card Type: Chip' (checked) and 'Contactless'. The 'EMV Terminal:' section includes buttons for 'Get Config', 'Set Config', 'Commit Config', and 'Set DT'. A 'Command With Length:' field is followed by a 'Send' button. The 'Types:' section has a dropdown menu set to 'BLE EMV', which is highlighted with a red box, and buttons for 'Scan' and 'Clear'.



The screenshot shows the MTSCRA Demo interface. At the top, there are buttons for 'EMV: Start' and 'Cancel', and dropdown menus for 'Trans. Type: Purchase' and 'Response: Approve'. Below this, there are checkboxes for 'Card Type: Chip' (checked) and 'Contactless'. The 'EMV Terminal:' section includes buttons for 'Get Config', 'Set Config', 'Commit Config', and 'Set DT'. A 'Command With Length:' field is followed by a 'Send' button. The 'Types:' section has a dropdown menu set to 'BLE', which is highlighted with a red box, and buttons for 'Scan' and 'Clear'.

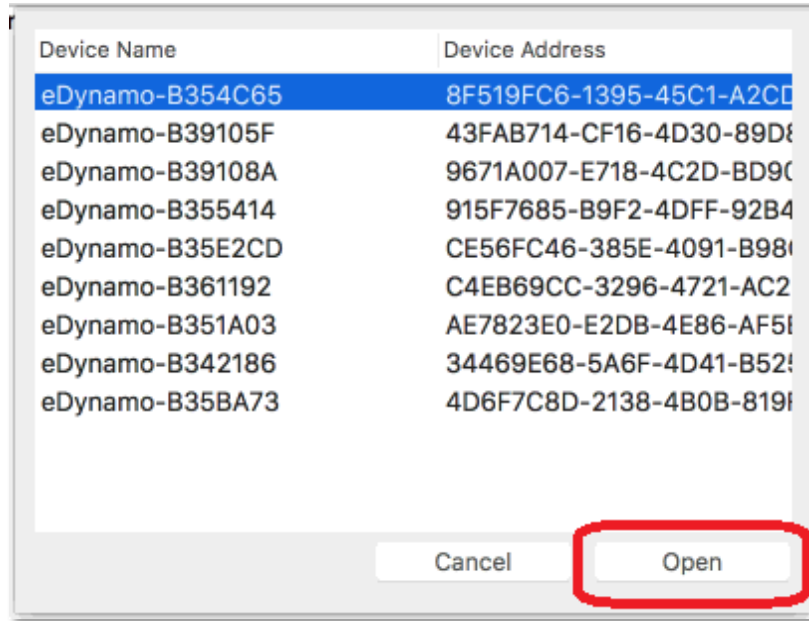
- 2) If you have an eDynamo, press and hold the button on the device for 3 seconds to put it in the pairing mode. If you have a DynaMAX, slide the button to the on position to turn on the device.
- 3) Press the **Scan** button to scan for BLE devices.



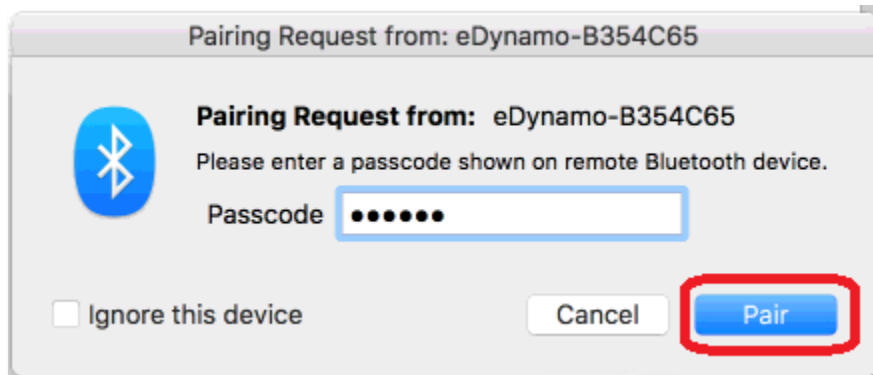
The screenshot shows the MTSCRA Demo interface. At the top, there are buttons for 'EMV: Start' and 'Cancel', and dropdown menus for 'Trans. Type: Purchase' and 'Response: Approve'. Below this, there are checkboxes for 'Card Type: Chip' (checked) and 'Contactless'. The 'EMV Terminal:' section includes buttons for 'Get Config', 'Set Config', 'Commit Config', and 'Set DT'. A 'Command With Length:' field is followed by a 'Send' button. The 'Types:' section has a dropdown menu set to 'BLE EMV' and a 'Scan' button, which is highlighted with a red box, and a 'Clear' button.

- 4) Select the Device and press the **Open** button to open the device.

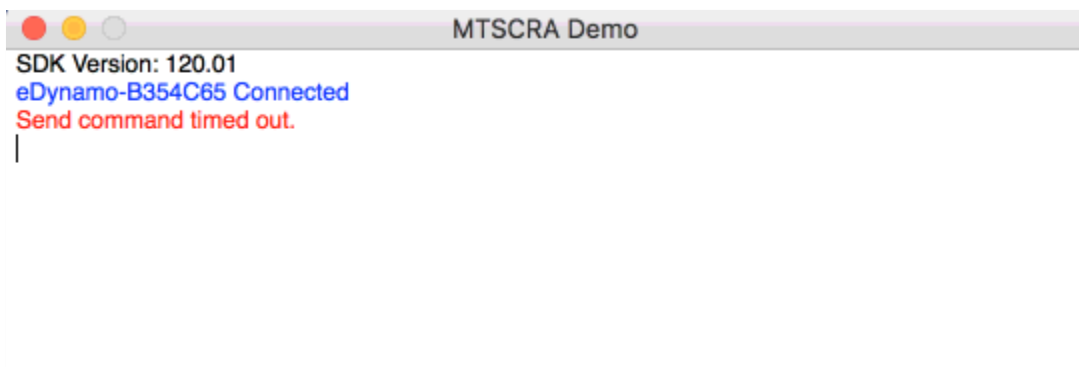
4 - How to use the MTSCRA Demo via BLE Interface



- 5) Enter the pairing code for the device, by default, the pairing code is: 000000 or 999999



- 6) Ignore the Send command time out error as this happens only the first connection.



- 7) Swipe a magnetic stripe card to read the card data.

4 - How to use the MTSCRA Demo via BLE Interface

MTSCRA Demo

Track.Status: 000000

Track1.Status: 00

Track2.Status: 00

Track3.Status: 00

Encryption.Status: 0600

Battery.Level: 47

Swipe.Count: -1

Track.Masked: %B3086160000600003000^FIREMAN/TEST D
^16101010000000000000000000000?;3086160000600003000=16101010000000000?

Track1.Masked: %B3086160000600003000^FIREMAN/TEST D
^16101010000000000000000000000?

Track2.Masked: ;3086160000600003000=16101010000000000?

Track3.Masked:

Track1.Encrypted:
18B0604DBAF1E82A2DC79DF6CEACC5B8F39CB1B7E4CD772A1178BFC1BD66AF2F4C63B43
83FAA9AAFFE7C5BED0A74989C8216ED1423EECD4788E144B806CB175FB9070A84EADF5C5
308160A6C84168055

Track2.Encrypted:
62BDDF75B7FED332F9496CFD5155899778A818995DCB15503BA2D627B505EBAAB492C0607
E2FC650

Track3.Encrypted:

Card.PAN: 3086160000600003000

MagnePrint.Encrypted:
4F39ED5FFAA8CBF965CF927EBA2CCB62DC36CB0E4E997918366F8B12CDDFF018A0C7BEF69
813486DD982F31A61EC87EF9DBE3AB9E353338C7

EMV: Trans. Type:

Card Type: Chip Contactless

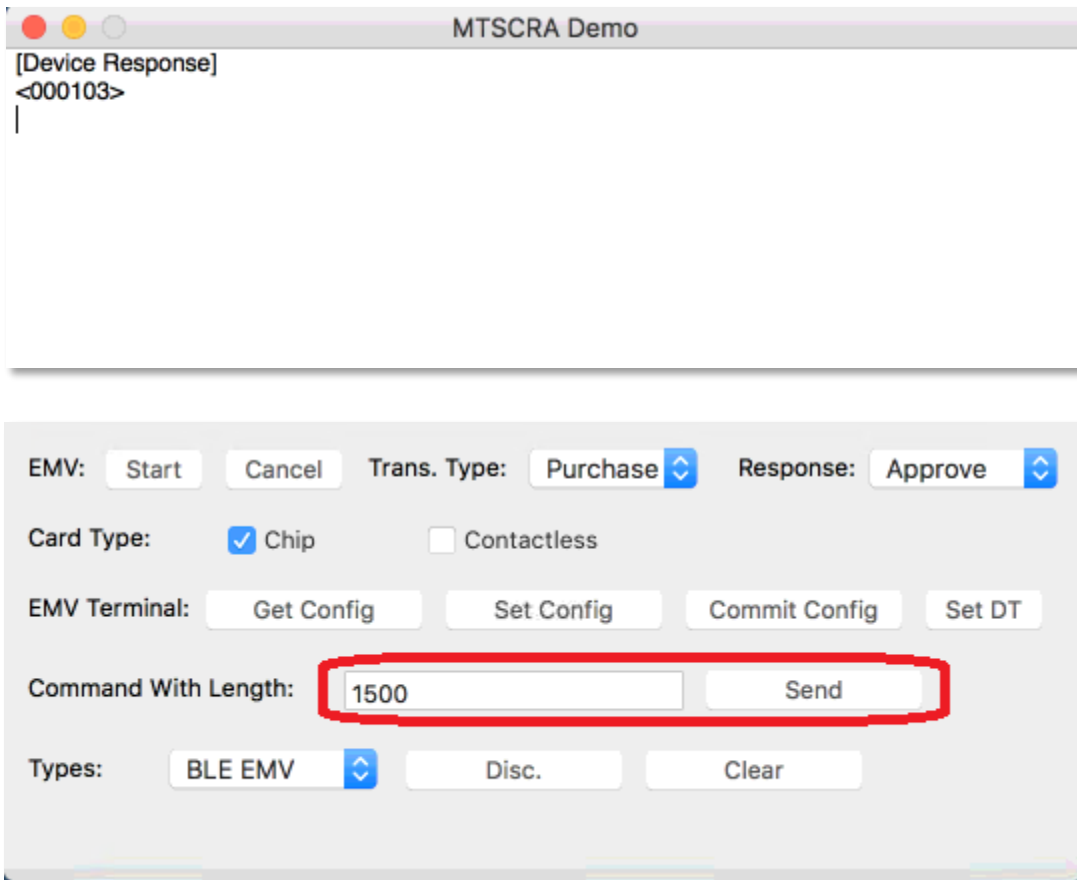
EMV Terminal:

Command With Length:

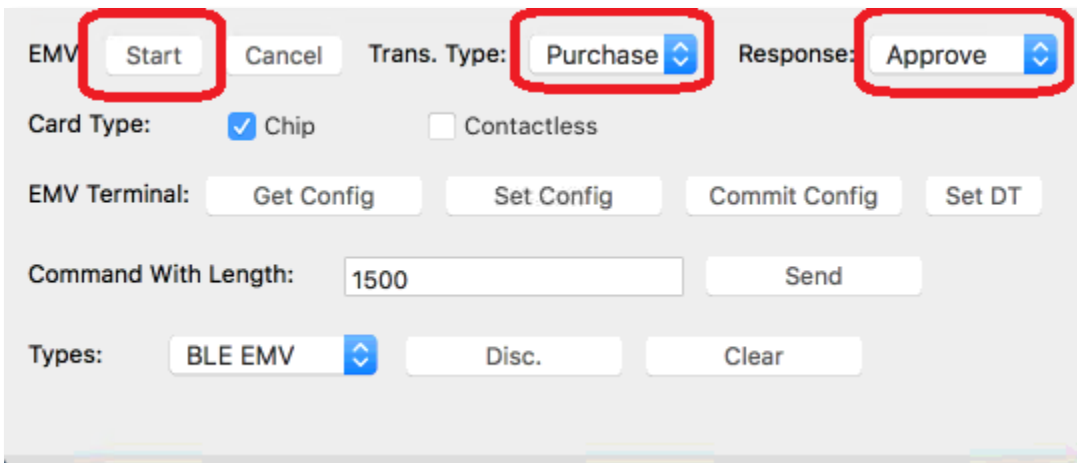
Types:

4 - How to use the MTSCRA Demo via BLE Interface

- 8) If you want to send a command to the device, enter the command in the command text box and press the **Send** button.

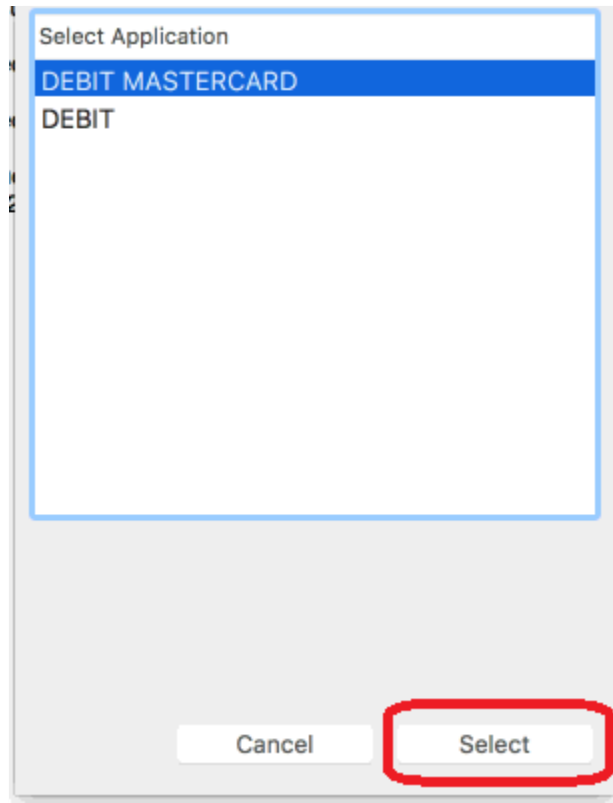


- 9) If you want to read a chip card, select the desired response and transaction type, press the **Start** button to begin an EMV transaction, and then insert the chip card when **Present Card** message appears.

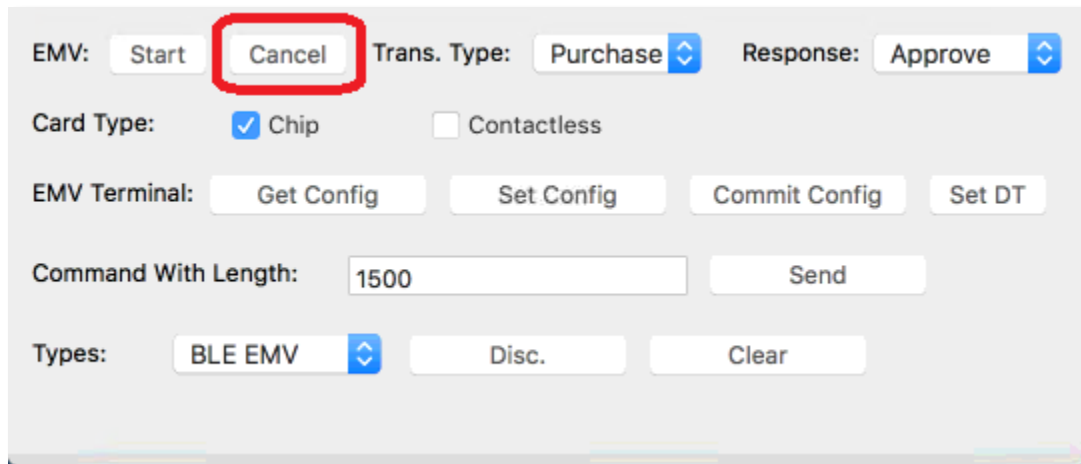


4 - How to use the MTSCRA Demo via BLE Interface

10) Select the desired Application in the **Select Application** window, then press **Select** button.

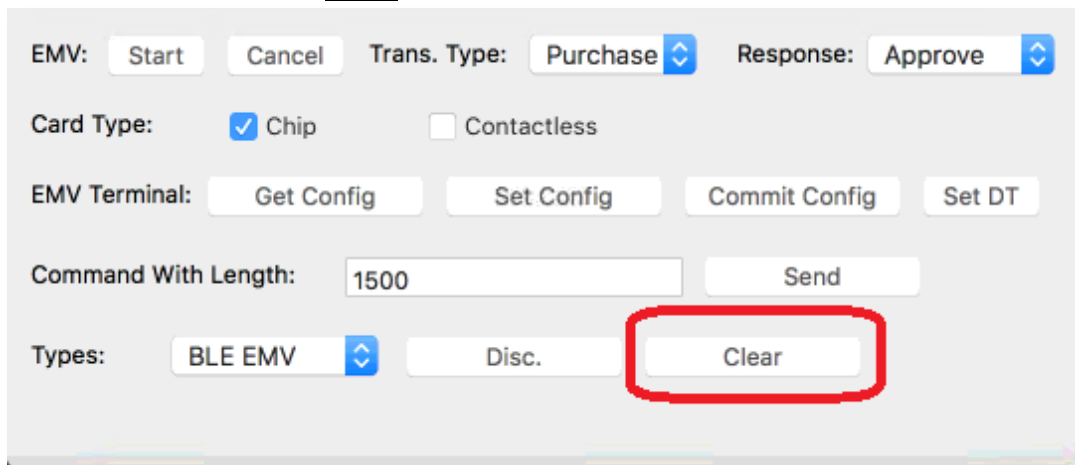


11) If you want to cancel the EMV transaction, press the **Cancel** button. Please note that the cancel feature will only work before the card is inserted.



4 - How to use the MTSCRA Demo via BLE Interface

12) To clear the screen, press the **Clear** button.



13) To close the device, press the **Disc.** button.

