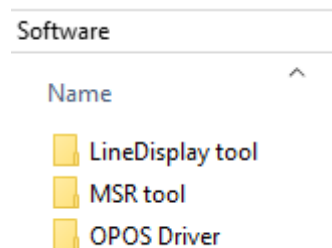


### RZ-E3XX Driver installation

The following information will guide you through setting up the RZ3XX Opos / Utilities drivers prior to installing SharpPOS.

Extract the Opos / Utilities from the link below.

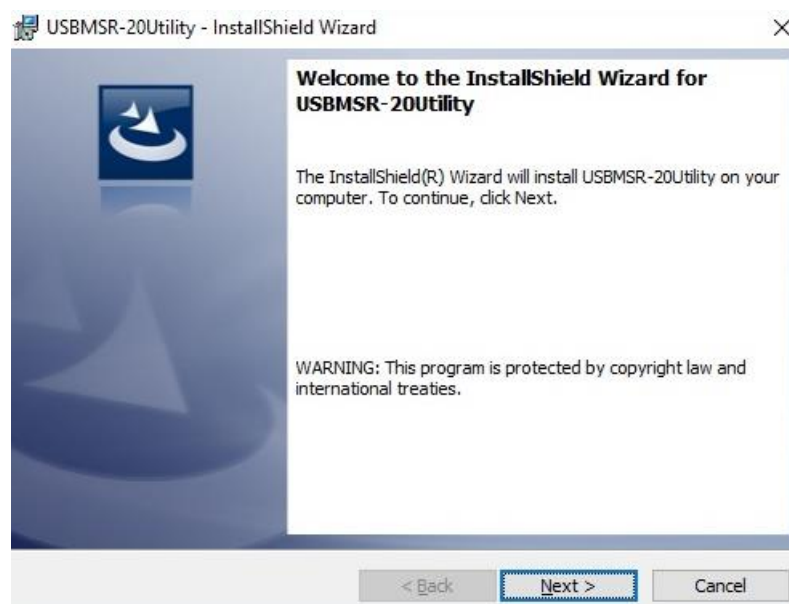
[https://mega.nz/#!xboAwQwK!TX9Ld1wjt\\_ympQ3nYw46ui51q3KITVdEcFf\\_U8c2\\_uq](https://mega.nz/#!xboAwQwK!TX9Ld1wjt_ympQ3nYw46ui51q3KITVdEcFf_U8c2_uq)



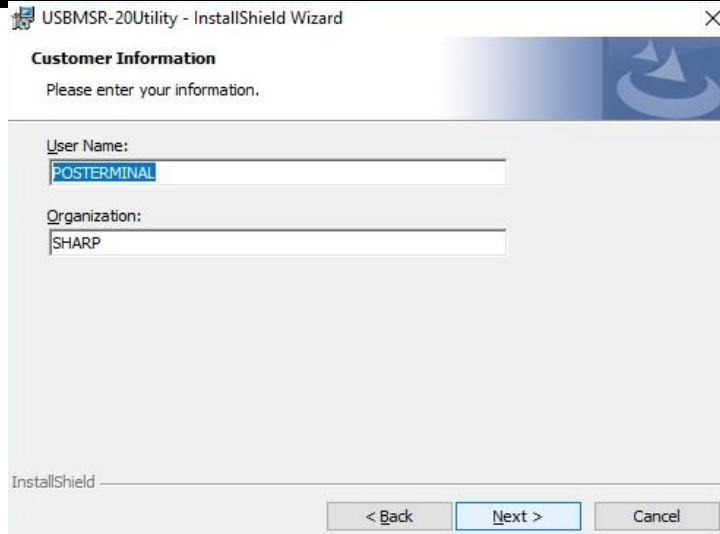
### RZ-E3MT1 Configuration

To configure the RZ-E3MT1 (MSR iButton combo) to work with the SharpPOS software, the HIDMSR-20 utility needs to be installed.

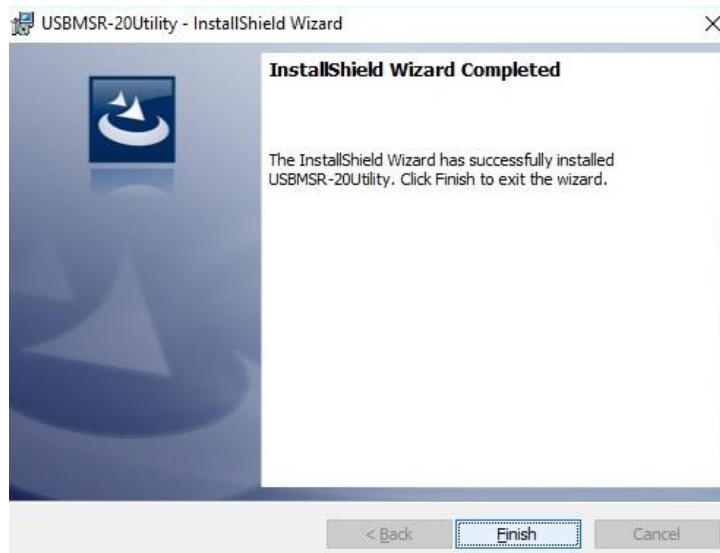
1. From the Software\MSR tool\RZE3MT1 folder run the file HIDMSR-20Utility\_V110\_Setup.exe



2. Select Next



### 3. Select Next



### 4. Select Finish

### 5. Start the HIDMSR-20 Utility

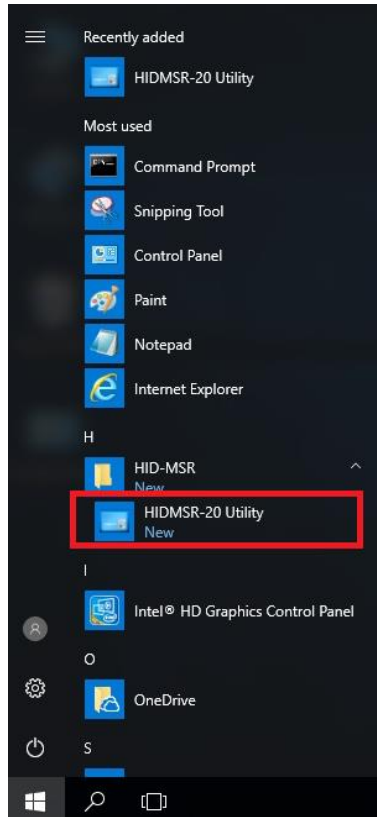
### 6. The RZ-E3MT1 will need to be configured to work with SharpPOS.

### 7. To make this easier when download the configuration file SUK\_FINAL\_MT1\_Final.map from the link below.

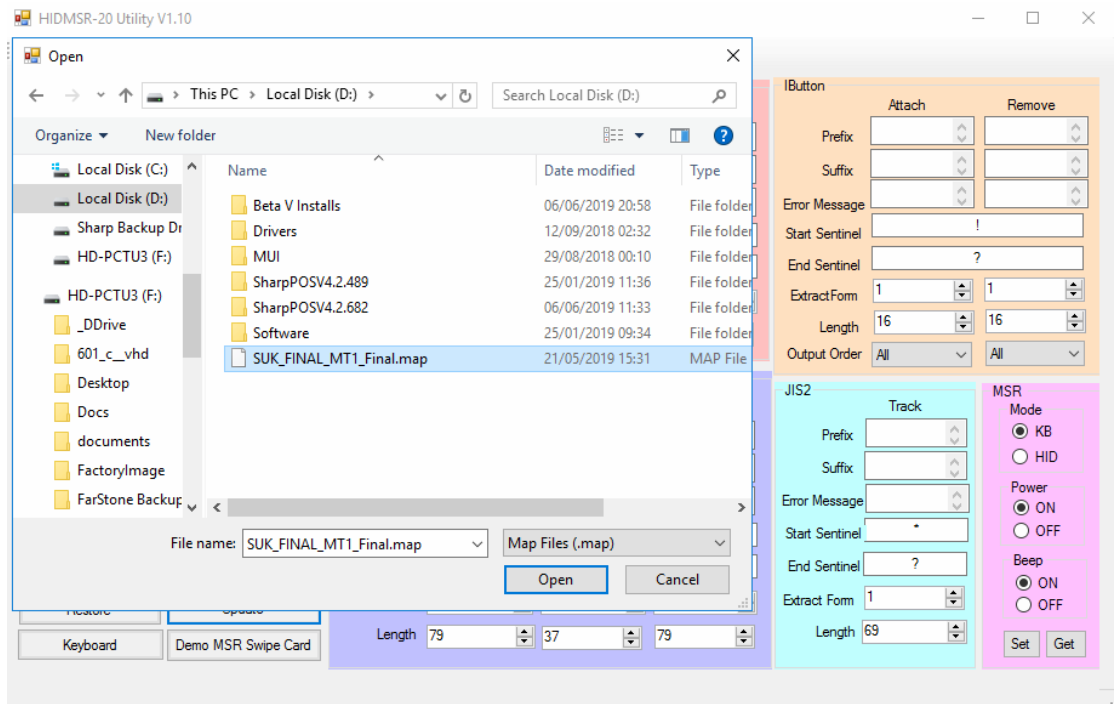
[https://mega.nz/#!Fe4VSYbK!pj2xEcxmEw6\\_7oLABYSVca74r600OLjS7-8kA1FXDZk](https://mega.nz/#!Fe4VSYbK!pj2xEcxmEw6_7oLABYSVca74r600OLjS7-8kA1FXDZk)

### 8. The .map file is also available from the software download section of Sharp One.

<https://www.sharp.co.uk/cps/rde/xchg/gb/hs.xsl/-/html/login.htm>



## 9. Select the 'HIDMSR-20 Utility' application



10. Select File – Open File and locate the SUK\_FINAL\_MT1\_FINAL.map configuration file. Then select Open.



11. You will notice that the ibutton Prefix – Attach and Remove now show as above
12. To Write the SUK\_FINAL\_MT1\_FINAL.map settings to the RZ-E3MT1 select update.

**Note:** to read the settings from the RZ-EMT1 select Restore



13. Both the ibutton and MSR can be tested in Notepad. The 'iButton On' data should start with the **a** character. The 'iButton Off' data should start with the **u** character.
14. The MSR data should start with a **;** and finish with a **?** the cursor should also move to the next line.

15. It is possible to turn off for the RZE3MT1 beep.

16. Select the 'HIDMSR-20 Utility' application

17. Select Restore then select Get (bottom right)



18. Change the Beep setting to be OFF

19. Select Set (this will save the beep setting to the RZE3MT1)

20. Close the utility

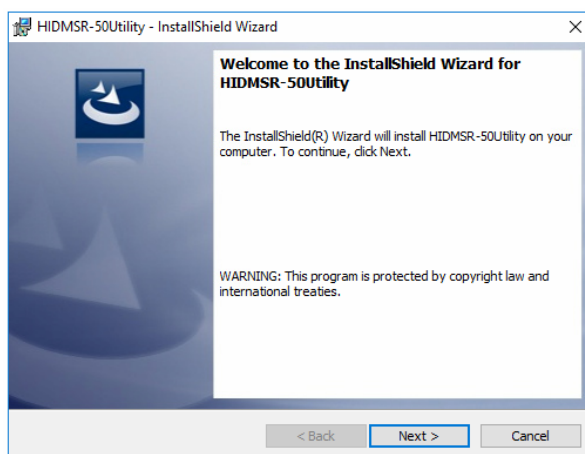
**Note!** The Beep can only be turned off for both MSR and iButton.

**Note!** The Beep settings cannot be saved in the .map file.

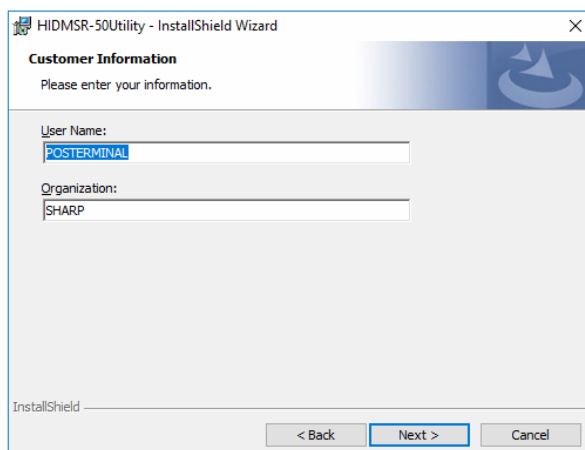
## RZ-E3MR1 Configuration

To configure the RZ-E3MR1 (MSR) to work with the SharpPOS software, the HIDMSR-50 utility needs to be installed.

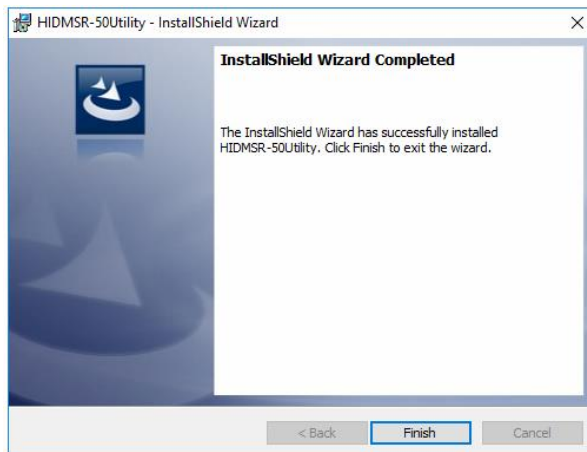
1. From the Software\MSR tool\RZE3MR1 folder run the file HidMSR-50Utility\_setup\_0628.exe



2. Select Next

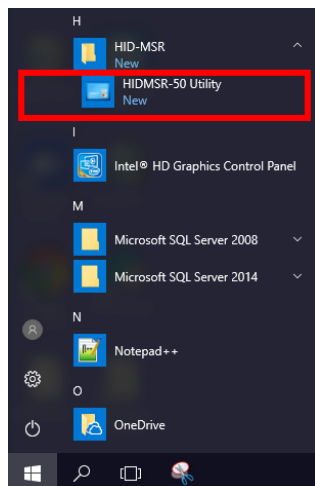


3. Select Next

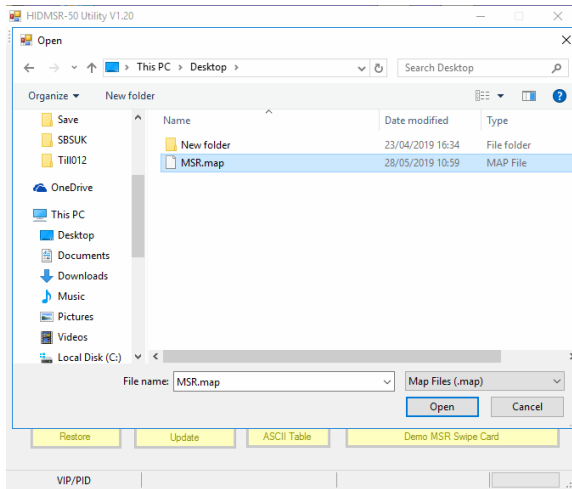


4. Select Finish
5. Start the HIDMSR-50 Utility
6. The RZ-E3MR1 will need to be configured to work with SharpPOS
7. The MSR.map file is available from the link below and the software download section of Sharp One.

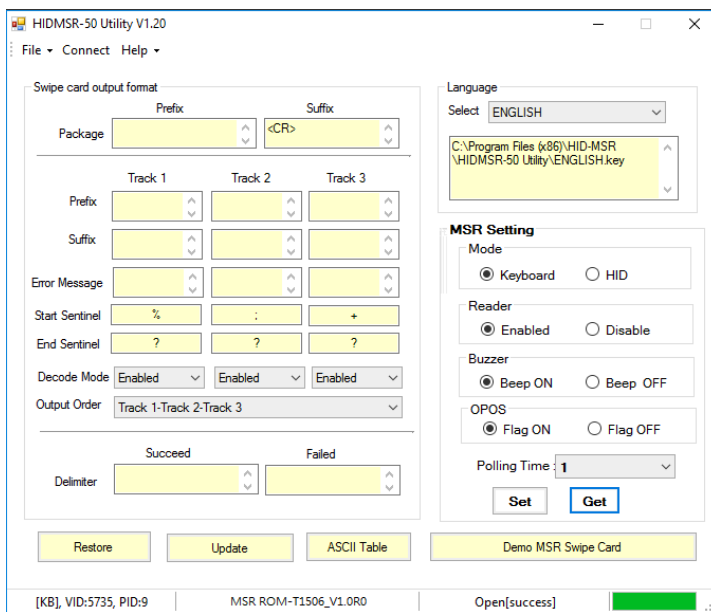
[https://mega.nz/#!BeRyDIqK!BcORMkxwzI7JmNdVuLhWSh\\_uPNUxOwvYJBaLJ1Mbu2c](https://mega.nz/#!BeRyDIqK!BcORMkxwzI7JmNdVuLhWSh_uPNUxOwvYJBaLJ1Mbu2c)



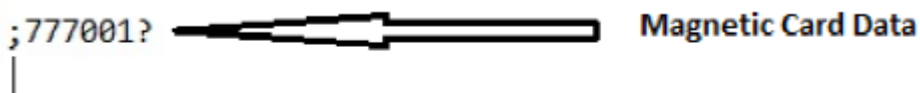
8. Select the 'HIDMSR-50 Utility' application



9. Select File – Open File and locate the MSR.map configuration file. Then select Open



- 10. You will notice that the Package Suffix – now show as above
- 11. To Write the MSR.map settings to RZ-E3MR1 select update
- 12. Select Set then close the Utility
- 13. The MSR can be tested in Notepad



14. The MSR data should start with a ; and finish with a ? the cursor should also move to the next line.



## RZ-E3DP1 Configuration

To configure the RZ-E3DP1 to work with the SharpPOS software, follow the configuration guide below.

1. From the Software\LineDisplay tool folder run the file YUNO\_VFD\_Setup\_V1.0n

YUNO VFD Setup v1.0n

ComPort **COM6** BaudRate 9600 Format N,8,1

Setup

Firmware Version	Default	Read
Command Mode	Default	
Baud Rate	Default	Write
International Char. Set	Default	
Code Page	Default	Reset to Default
Power On Screen Line 1	Default	
Power On Screen Line 2	Default	

File Input

0s

2. Select COM6

YUNO VFD Setup v1.0n

ComPort  BaudRate  Format

Setup

Firmware Version	<input type="text" value="_1.01"/>	<input type="button" value="Read"/>
Command Mode	<input type="text" value="EscPOS"/>	
Baud Rate	<input type="text" value="9600"/>	<input type="button" value="Write"/>
International Char. Set	<input type="text" value="USA"/>	
Code Page	<input type="text" value="CP437(USA, standard Euro)"/>	<input type="button" value="Reset to Default"/>
Power On Screen Line 1	<input type="text" value="Default"/>	
Power On Screen Line 2	<input type="text" value="Default"/>	

File Input

1.25s

### 3. Select 'Read'

YUNO VFD Setup v1.0n

ComPort  BaudRate  Format

Setup

Firmware Version	<input type="text" value="_1.01"/>	<input type="button" value="Read"/>
Command Mode	<input type="text" value="EscPOS"/>	
Baud Rate	<input type="text" value="9600"/>	<input type="button" value="Write"/>
International Char. Set	<input type="text" value="USA"/>	
Code Page	<input type="text" value="CP437(USA, standard Euro)"/>	<input type="button" value="Reset to Default"/>
Power On Screen Line 1	<input type="text" value="Default"/>	
Power On Screen Line 2	<input type="text" value="Default"/>	

File Input

2.48s

### 4. Select Write

### 5. Exit the utility.

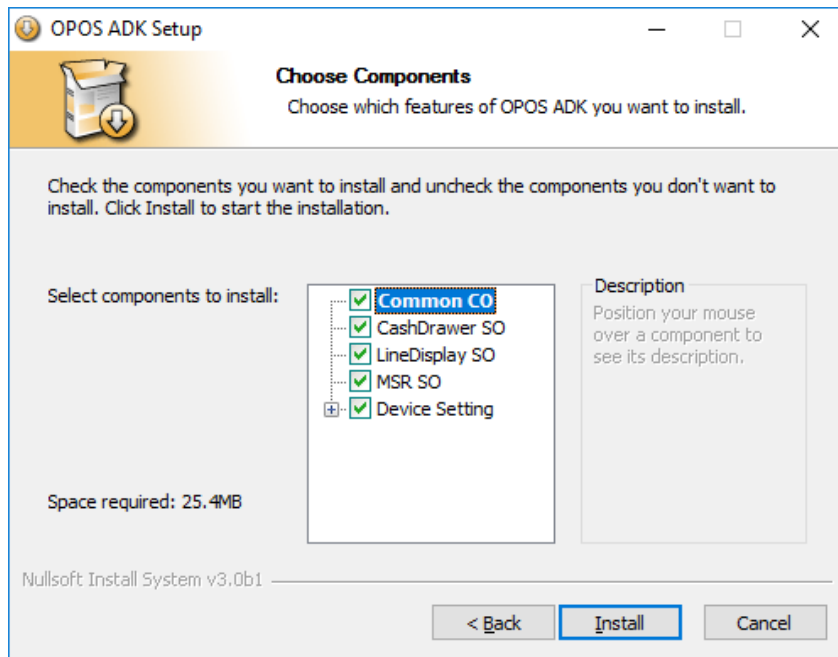
## OPOS Driver installation

1. In order for the MSR iButton / 2-Line rear display and Cash Drawer to work with SharpPOS the OPOS driver will need to be installed.

**Note:** The following driver will also support the firing of 2 x Cash drawers with SharpPOS. The splitter cable part number: L80YCABLERZE is required.



2. Run the file PR OPOS ADK Setup v1.392 .exe and Select Next



3. Select Install, and ensure that all components are selected.



4. Select Finish

## SharpPOS Configuration

Ensure that SharpPOS V4.2.489 or above is installed. Configure the RZ-E3DP1 / RZ-E3MT1 using the following settings in SharpPOS Manager (VPM8).

Till Configuration (2)

Physical | Specials | Reasons

Till No: 1 Name: Till 1 Proxy:

Drawers: None Warning time(s): 0 Wait close(s): 0

Scanner port: None 0 will disable

iButton port: MSR integrated Enable biometric logon

Display: None MSR Type: Standard

Attached EFT Terminal IP: Attached EFT Terminal COM port: 0

Beep pitch: 2000 Hz Smartcard Reader Type: None

Beep enable:  Enable smartcard logon:

Enable smartcard loyalty:

New Update Restore Delete Cancel Close ->1

1. For RZ-E3MT1 (MSR / iButton combo) set VPM – Configure – Till Configuration (2) – Physical -  
IButton port: MSR integrated  
MSR Type: Standard

Till Configuration (2)

Physical | Specials | Reasons

Till No: 41 Name: Till 1 Proxy:

Drawers: One Warning time(s): 0 Wait close(s): 3

Scanner port: None 0 will disable

iButton port: None Enable biometric logon

Display: None MSR Type: External USB

Attached EFT Terminal IP: Attached EFT Terminal COM port: 0

Beep pitch: 2000 Hz Smartcard Reader Type: None

Beep enable:  Enable smartcard logon:

Enable smartcard loyalty:

New Update Restore Delete Cancel Close ->1

2. For RZ-E3MR1 (MSR) set VPM – Configure – Till Configuration (2) – Physical – MSR Type: to External USB

The screenshot shows the 'Till Configuration (2)' dialog box with the 'Physical' tab selected. The 'Display' dropdown menu is highlighted with a red box and set to 'Remote 2-Line'. Other visible settings include:

- Till No: 1, Name: Till 1, Proxy:
- Drawers: None, Warning time(s): 0, Wait close(s): 0
- Scanner port: None, iButton port: MSR integrated, Enable biometric logon:
- Attached EFT Terminal IP: (empty), Attached EFT Terminal COM port: 0
- Beep pitch: 2000 Hz, Smartcard Reader Type: None
- Beep enable:  Enable smartcard logon:  Enable smartcard loyalty:
- MSR Type: Standard

Buttons at the bottom: New, Update, Restore, Delete, Cancel, Close, ->1

3. For RZ-E3DP1 (2-line customer display) set VPM – Configure – Till Configuration (2) – Physical – Display: to 'Remote 2-Line'
4. Repeat the above for each till configuration.