

FAQ - Frequently Asked Questions

Touch & Mobile Computer Barcode Scanner Picklist Mode

Relevant for

- Mobile Computer MC27^{ex}-NI
- Mobile Computer MC92N0^{ex} series
- Mobile Computer MC93^{ex}-NI
- Touch Computer TC26^{ex}-NI
- Touch Computer TC77^{ex}-NI
- Barcode Scanner BCS36x8^{ex} series

Status: May 2022

Reservation: Technical data subject to change without notice. Changes, errors and misprints may not be used as a basis for any claim for damages.

1.	Information of this FAQ.....	2
1.1	Reference documents	2
2.	About Picklist Mode.....	3
3.	Enabling Picklist Mode on the BCS3608^{ex} & BCS3678^{ex}	5
3.1	Issue/Question	5
3.2	Applicable to.....	5
3.3	Resolution / Answer.....	5
3.3.1	Using Programming barcodes	6
3.3.2	Using 123 Scan Utility	6
4.	Enabling Picklist Mode on Android 11 device using DataWedge.....	8
4.1	Issue/Question	8
4.2	Applicable to.....	8
4.3	Resolution / Answer.....	9
5.	Enabling Picklist Mode on MC92N0^{ex} with Android or Windows using DataWedge.....	13
5.1	Issue/Question	13
5.2	Applicable to.....	13
5.3	Resolution / Answer.....	13
5.3.1	Datawedge for Windows (WEH 6.5.3 or CE 7.0).....	14
5.3.2	Datawedge for Android 4.4.4.....	17
6.	Enable Picklist Mode in Velocity Client (All touch TE).....	20
6.1	Issue/Question	20
6.2	Applicable to.....	20
6.3	Resolution / Answer.....	21

1. Information of this FAQ



Read carefully before commissioning the device.

The FAQ is an additional description to the available Quick Start Guide and part of the device. The FAQ is directed at all persons who are entrusted with handling the device.

Knowledge of the safety instructions and warnings in this FAQ and strict compliance with them is essential for safe handling.

- Carefully read the FAQ and especially the safety instructions before using the device.
- Make the FAQ accessible to all people who are entrusted with handling the device.

Warnings are used in this FAQ - Frequently Asked Questions to warn of the risks of damage to property and personal injuries.

Symbol	Explanation
	Important advice and information for the effective, efficient and environmentally sound use of the product.

1.1 Reference documents



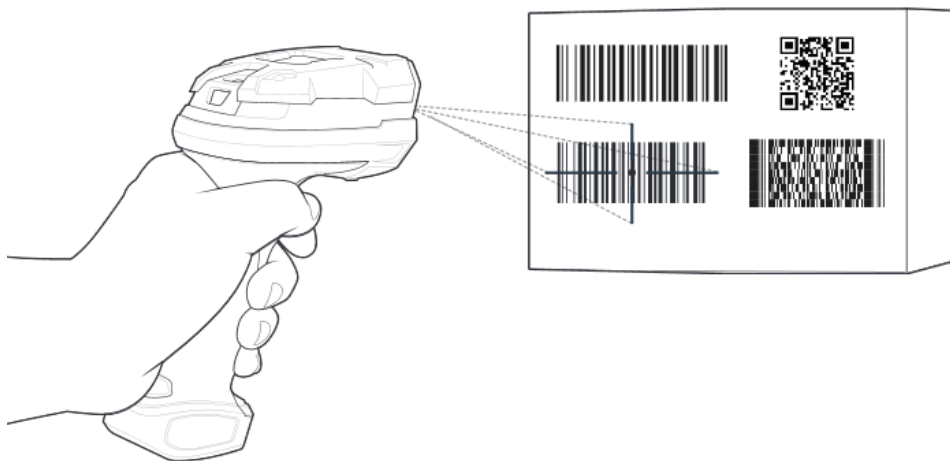
All documents are available online from the following websites:

BARTEC: www.bartec.com or <https://automation.bartec.de/mobileE.htm>

Document BARTEC	Explanation
Quick Start Guide or User Manual (BARTEC):	<u>It contains:</u> <ul style="list-style-type: none">• Guidelines on commissioning and the safe use of hand-held scanners (including installation, safety information related to explosion protection and information regarding programming)
User Guide (Zebra):	<u>It contains:</u> <ul style="list-style-type: none">• Guidelines for commissioning and general use of the devices (including installation, settings and information on programming)
Integrator Guide (Zebra):	<u>It contains:</u> <ul style="list-style-type: none">• This guide provides information about setting up and configuring the device and its accessories.

2. About Picklist Mode

Overview. Picklist mode enables the digital scanner to decode only barcodes that are aligned under the laser crosshair or LED aiming dot. This feature is useful in applications where multiple bar codes may appear in the field of view during a decode session and only one of them is targeted for decode. It allows users to easily select and scan a single barcode from a field of barcodes.



Picklist mode is available on the following BARTEC devices:

Device:	Ex-certification:	Operating system (status 06 May 2022)	Note:
Barcode scanner			
BCS3608 ^{ex} series	All certifications	None	Supported with all 2D imager versions
BCS3678 ^{ex} series	All certifications	None	Supported with all 2D imager versions
Touch Computer			
TC75 ^{ex} -NI	All certifications	Android 5.1	Supported with all 2D imager versions
TC75x ^{ex} -NI	All certifications	Android 8.1	Supported with all 2D imager versions
TC77 ^{ex} -NI	All certifications	Android 11	Supported with all 2D imager versions
TC26 ^{ex} -NI	All certifications	Android 11	Supported with all 2D imager versions
Mobile Computer			
MC92N0 ^{ex} series	All certifications	Android 4.4.4	Supported with all 2D imager versions
MC93 ^{ex} -NI	All certifications	Android 11	Supported with all 2D imager versions
MC27 ^{ex} -NI	All certifications	Android 11	Supported with all 2D imager versions

Detailed information about the use of all functions can be found in the appropriate Zebra User or Integrator manual or on their Tech Docs page.



All documents are available online from the following websites:

BARTEC: www.bartec.com or <https://automation.bartec.de/indexE.htm>

Zebra: <https://www.zebra.com/us/en/support-downloads.html>

Zebra Tech Docs page: <https://techdocs.zebra.com/>

3. Enabling Picklist Mode on the BCS3608^{ex} & BCS3678^{ex}

3.1 Issue/Question

How to enable picklist mode in BCS3608^{ex} & BCS3678^{ex}?

3.2 Applicable to

All devices of BCS3608^{ex} & BCS3678^{ex} series.

3.3 Resolution / Answer

Two options available to program it:

1. Use of programming barcodes.
2. Use of Zebra freeware Tool 123 Scan Utility.

Select one of the following picklist modes for the digital scanner:

- Disabled Always - Picklist mode is always disabled.
- Enabled in Hand-held Mode - Picklist mode is enabled in Hand-held mode.
- Enable Always - Picklist mode is always enabled.
- Enabled in Hands-free Mode - Picklist mode is enabled in Hands-free mode.



- Picklist Mode temporarily overrides the Disable Decode Aiming Pattern parameter. You cannot disable the Decode Aiming Pattern when Picklist Mode is enabled.

3.3.1 Using Programming barcodes

Parameter # 402 (SSI # F0h 92h).

Scan one of the following picklist modes for the digital scanner:



* Disabled Always
(0)



Enabled in Hand-held Mode
(1)



Enabled Always
(2)



Enabled in Hands-free Mode
(3)

3.3.2 Using 123 Scan Utility

123 Scan Utility is a freeware utility available on the Zebra support & download page.

<https://www.zebra.com/us/en/products/software/scanning-systems/123scan.html>

- Start 123 Scan Utility.
- Connect your scanner with it.
- Select the menu “7. General”.
- Select the sub menu “System” and scroll down to “Picklist Mode”.
- Select one of the following picklist modes for the digital scanner:

123Scan

Start | Data view | **Untitled1**

Actions | Save file to PC | Print bar code | Load to scanner | Email Bar Code to Phone | Print/Save parameters | How to video

Model List
Plug-in Name
Release Notes
App Developer Report

DS3678-STANDARD SR
MODELS + CRADLE-029

1. Name and notes
Name: Untitled1
Notes:

2. Cable connection
USB (default)

3. Symbolologies (bar code types)
Factory default settings

4. Modify Data
No rules

5. Wireless - Bluetooth
Factory default settings

6. Imaging
Factory default settings

7. General
Factory default settings

8. Printing Options

9. Load and print

▲ Parameters changed from factory default

General

The parameters below are general scanner settings and user preferences.
Click on blue links below for faster parameter list navigation.

Power
System
Beeper
OCR (HP models only)
Statistics
UID

Hands-Free Mode ☒

Hand Held Decode Aiming Pattern

Hands Free Decode Aiming Pattern

Picklist Mode

FIPS Mode

Continuous Bar Code Read ☐

Unique Bar Code Reporting ☒

Decode Session Timeout

Disabled Always
Enabled in Hand-Held Mode
Enabled Always
Enabled in Hands-Free Mode

4. Enabling Picklist Mode on Android 11 device using DataWedge

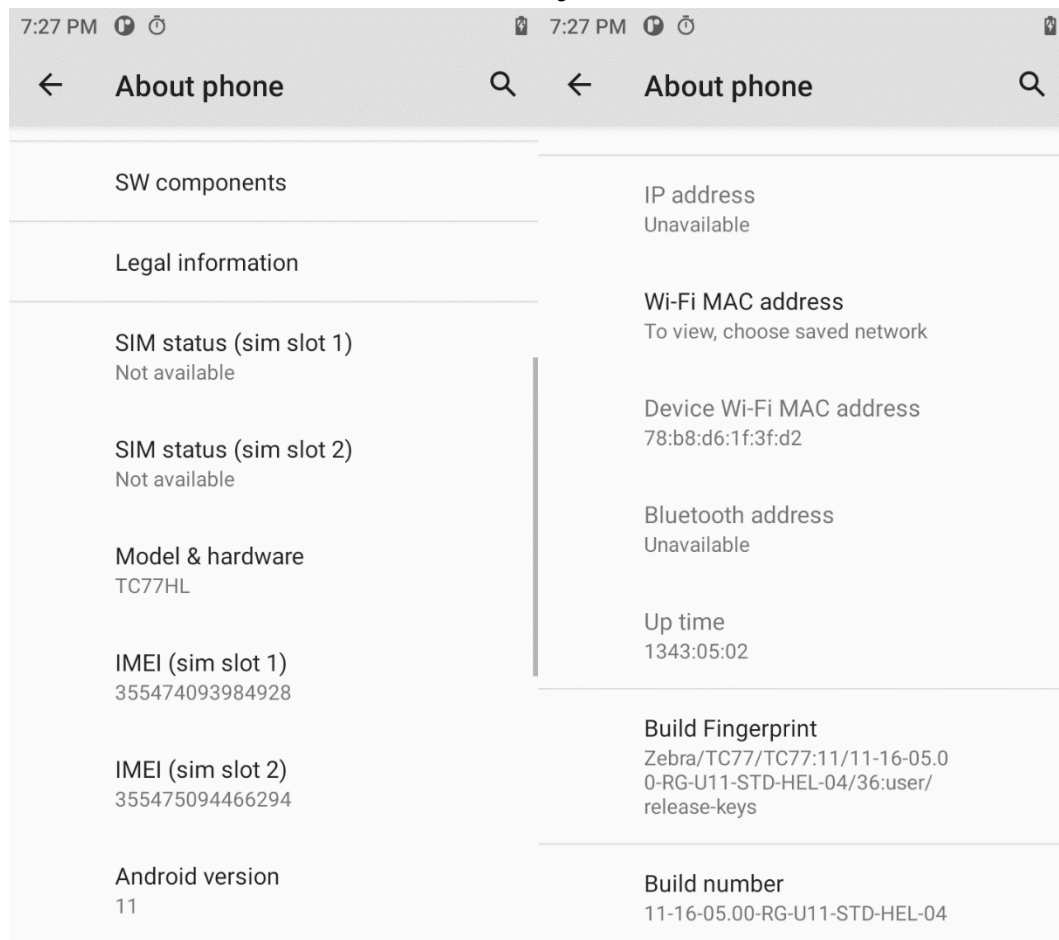
4.1 Issue/Question

How to enable picklist mode in TC26^{ex}-NI, TC77^{ex}-NI, MC27^{ex}-NI & MC93^{ex}-NI using Datawedge?

4.2 Applicable to

All devices running with Android 11.

Instruction is created on TC77^{ex}-NI with the following software version.

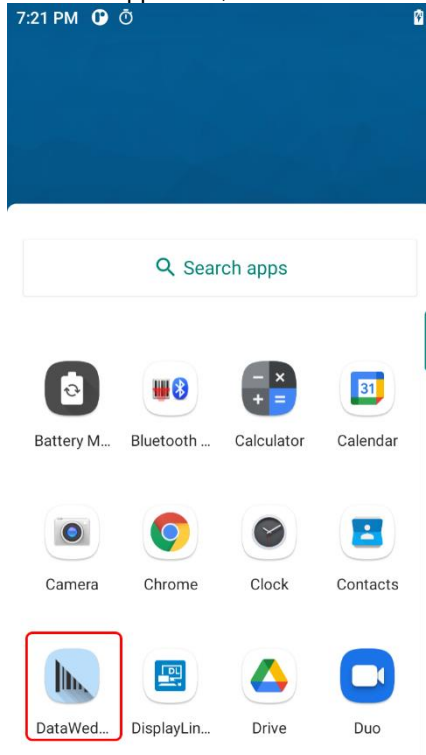


Picklist mode is as well running on later versions or older Android versions (e.g. Android 10). Possibly the menu navigation to find the picklist mode is different there.

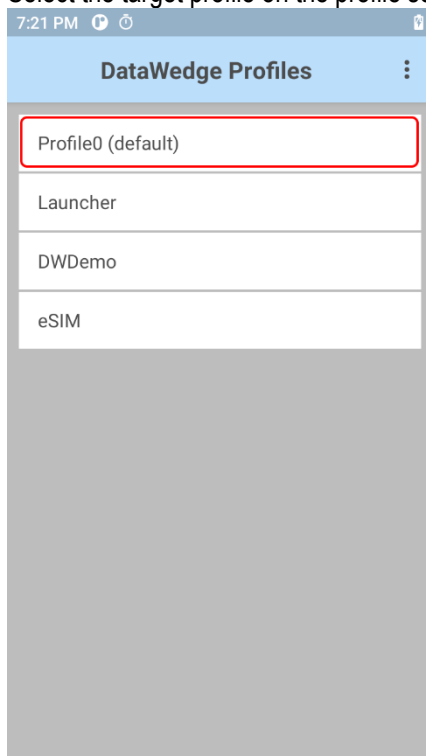
4.3 Resolution / Answer

Steps:

1. Go to the app menu, and start **"DataWedge"**.



2. Select the target profile on the profile screen, for example **"Profile0"**.



3. Scroll down the page on Profile0 and select “Configure scanner settings”.

7:21 PM

Profile: Profile0 (default)

Barcode input

Enabled
Enable/disable scanner input ☒

Scanner selection
Configure scanner selection

Hardware Trigger
Enable/disable hardware trigger for scanning ☒

Auto switch to default on event
Disabled

Configure scanner settings
Click to configure the scanner(s) parameters.

Configure NG SimulScan settings
Click to configure NG SimulScan parameters.

Voice input

Enabled ☐

4. Scroll down the page on “Configure scanner settings”. and select “Reader params”.

7:21 PM

Scanner configuration

Select scanner to set parameters
2D Barcode Imager

Scanning Modes
Single

Decoders
Enable/disable decoders and configure decoder specific parameters

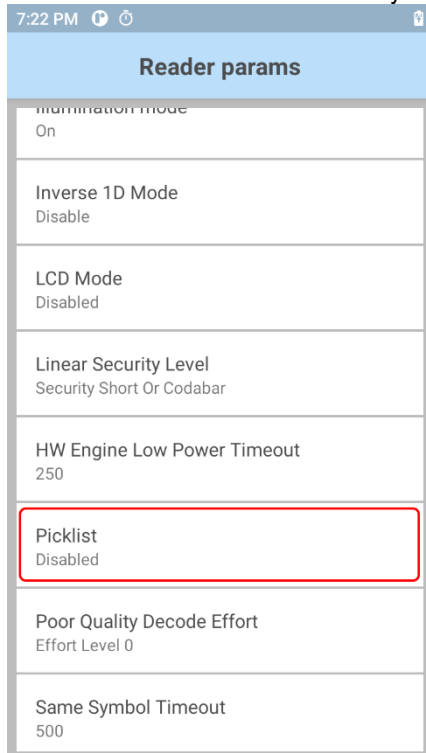
UPC/EAN params
Set up generic UPC/EAN parameters

Reader params
Set up reader specific parameters

Scan params
Set up scan specific parameters

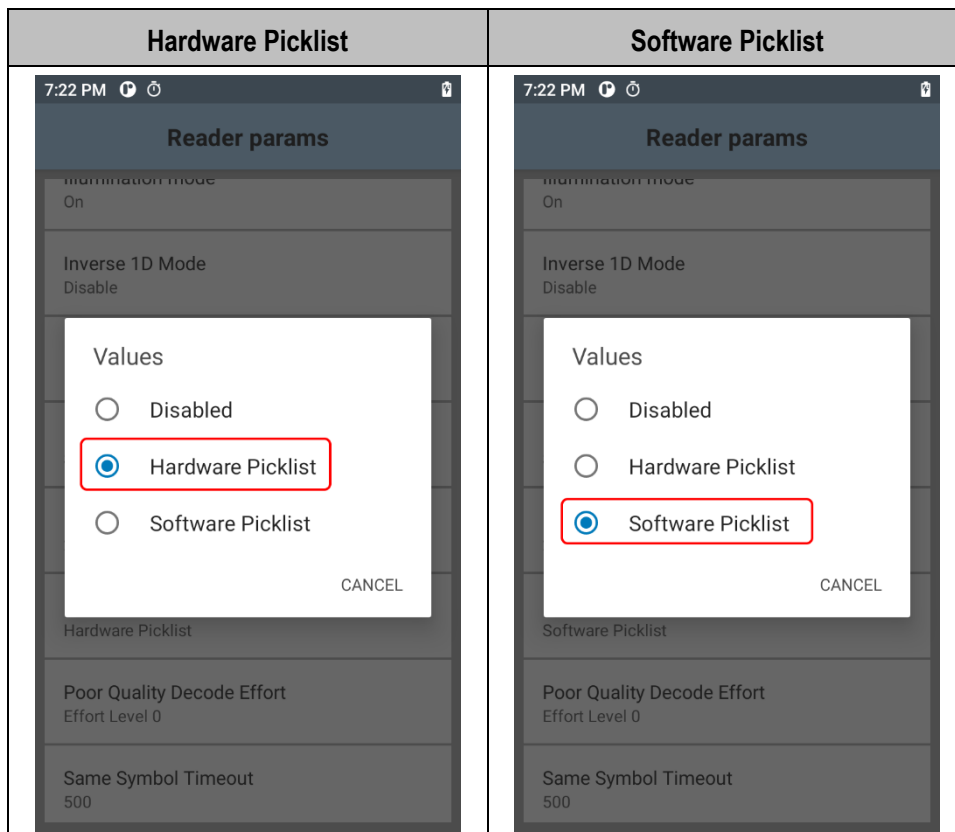
UDI params
Set up UDI specific parameters

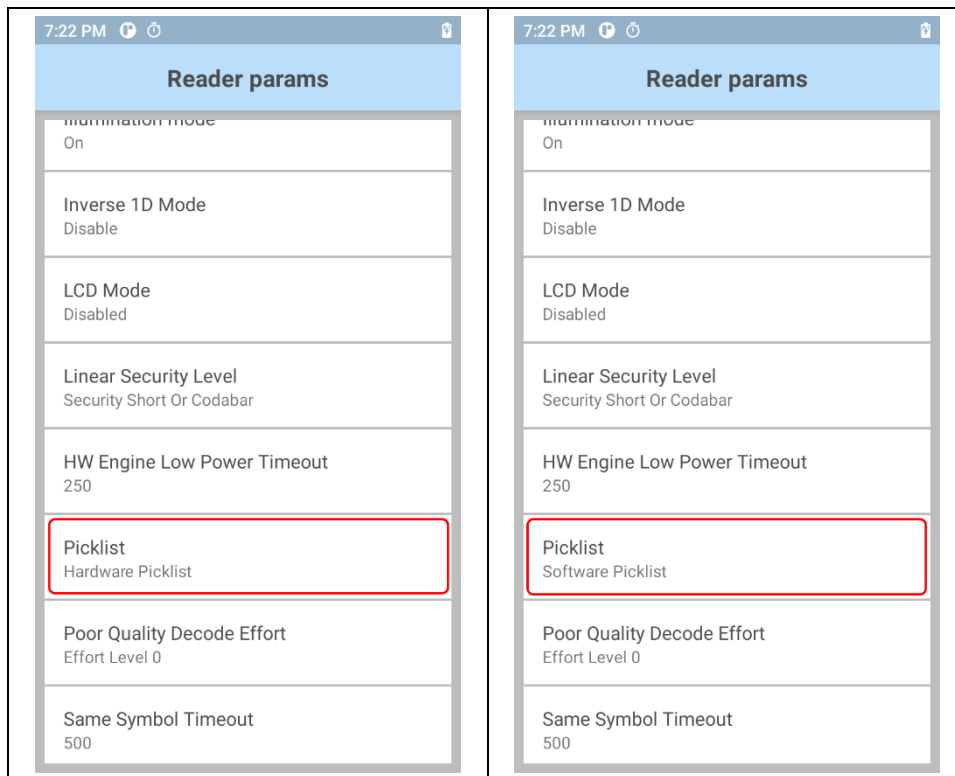
5. Select “Picklist” which is disabled by default.



6. Select the hardware or software picklist option.

- **Hardware Picklist** - Picklist mode is enabled by sending a command to hardware.
- **Software Picklist** - Picklist feature is handled in the software; no commands are sent to hardware.





7. Exit DataWedge.

5. Enabling Picklist Mode on MC92N0^{ex} with Android or Windows using DataWedge



As reference you can use the following Zebra Article ID: 86617725

<https://www.zebra.com/us/en/support-downloads/knowledge-articles/evm/Enable-Picklist-mode.html>

5.1 Issue/Question

- How to enable Picklist mode on Windows CE 7.0 or WEH 6.5 installed with a 2D imager?
- How to enable Picklist mode on Android installed with a 2D imager?

5.2 Applicable to

- MC92N0^{ex} with Windows CE 7.0 or Windows WEH 6.5.3 device with a built-in 2D imager (SE4500, SE4600, or SE4750).
- MC92N0^{ex} with Android device with a built-in 2D imager (SE4500 or SE4750).

5.3 Resolution / Answer

Select one of the following picklist modes for the digital scanner:

- **Disable** - Disables Picklist mode; you can decode any barcode within the field of view.
- **Hardware Picklist** - Picklist mode is enabled by sending a command to hardware.
- **Software Picklist** - Picklist feature is handled in the software; no commands are sent to hardware.

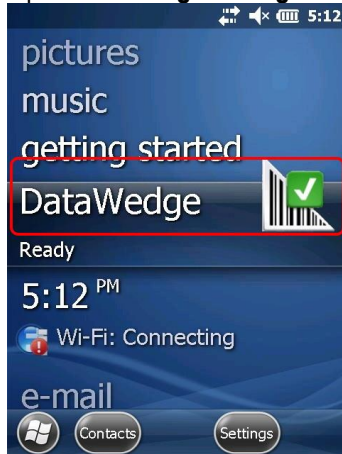


Performance may vary on some devices if Hardware or Software Picklist modes are set.

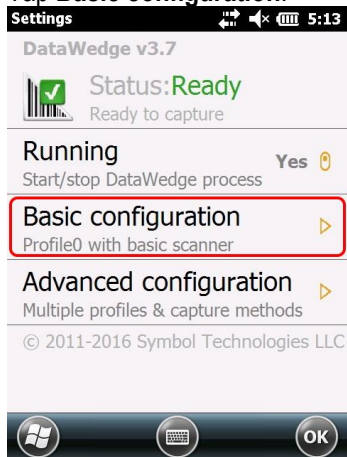
5.3.1 Datawedge for Windows (WEH 6.5.3 or CE 7.0)

Procedure:

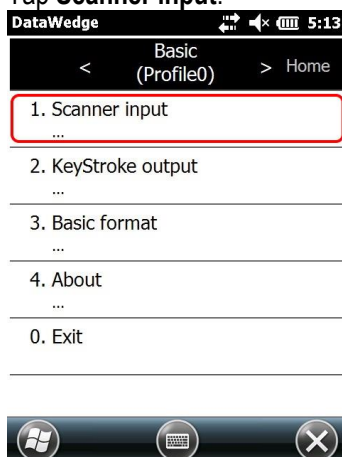
1. Open **DataWedge** setting.



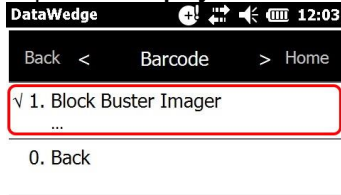
2. Tap **Basic configuration**.



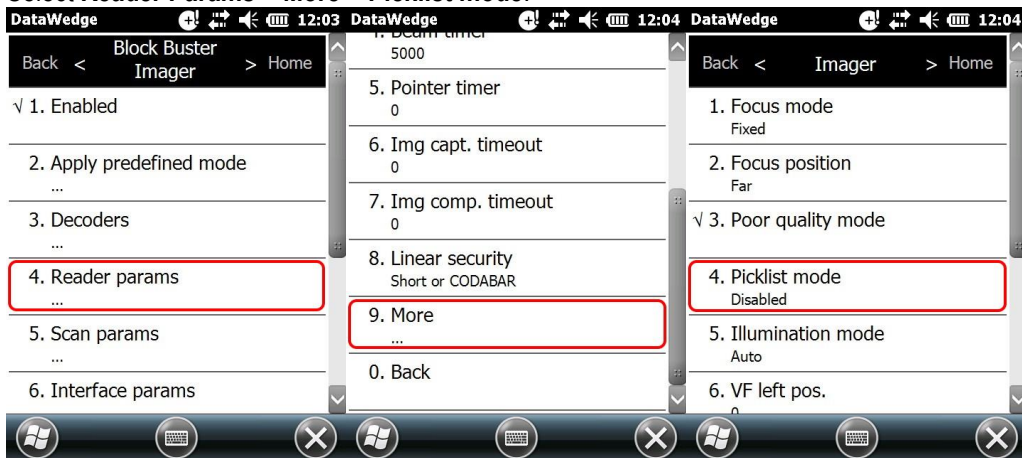
3. Tap **Scanner input**.



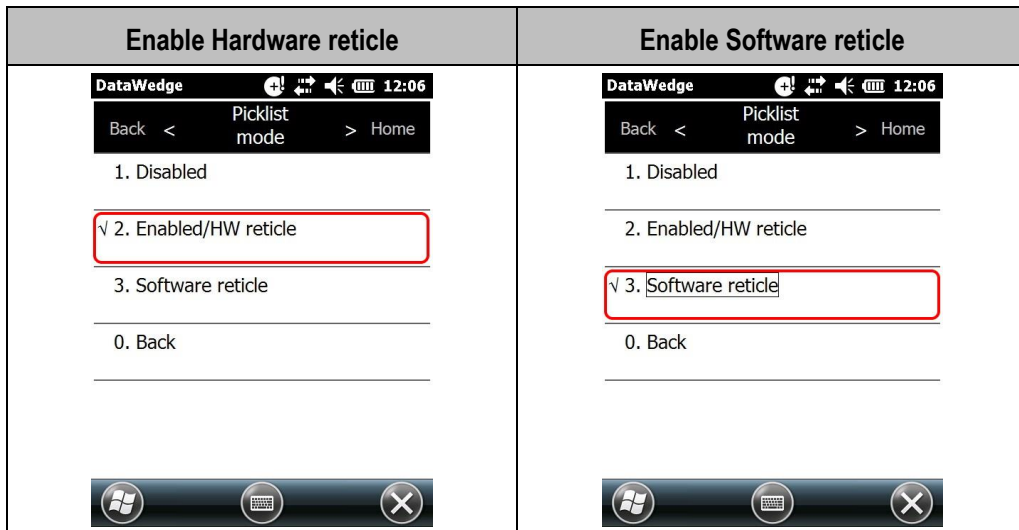
4. Tap on the **displayed internal scanner** (example, Blockbuster Imager or Long-range Imager).



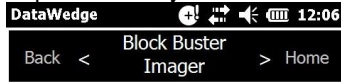
5. Select **Reader Params > More > Picklist mode**.



6. Select **Hardware** or **Software** reticle to enable it.



7. Tap **Back** until you see the message "saving changes, please wait..."



Saving changes, please wait...

8. Tap **Home**, then **Exit**.



1. Scanner input



0. Exit

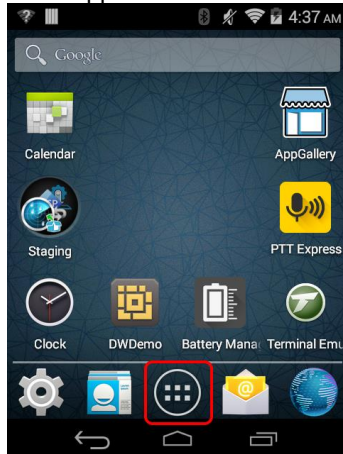


9. Tap **OK** to close DataWedge settings.

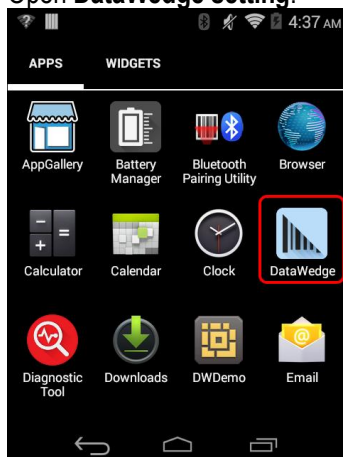
5.3.2 Datawedge for Android 4.4.4

Procedure:

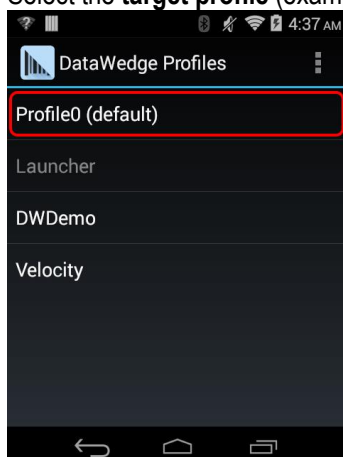
1. Go to app menu.



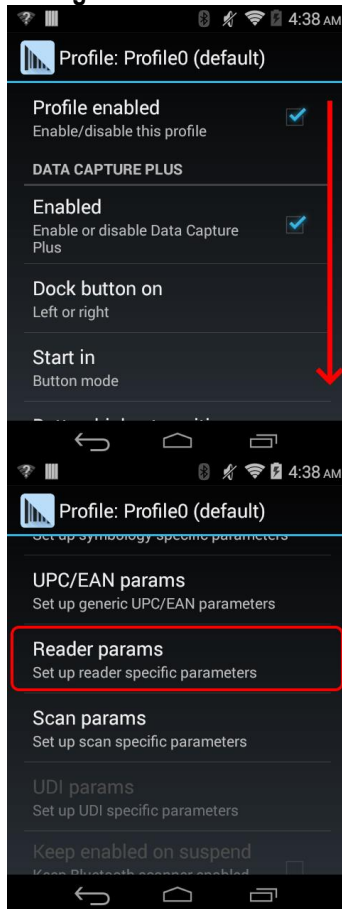
2. Open DataWedge setting.



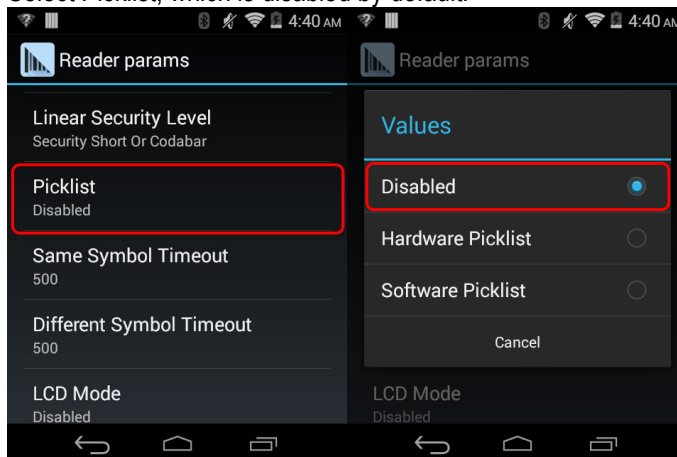
3. Select the target profile (example: Profile0).



4. Scroll down and select **Reader params**. If not available, scroll down and select **Configure scanner settings**.



5. Select **Picklist**, which is disabled by default.



6. Select **Hardware** or **Software** Picklist to enable it.



7. Exit DataWedge.



6. Enable Picklist Mode in Velocity Client (All touch TE)



As reference you can use the following Zebra Article ID: 73236413

<https://www.zebra.com/us/en/support-downloads/knowledge-articles/evm/Enable-Picklist-mode-in-lvanti-Velocity-Client-All-touch-TE.html>

6.1 Issue/Question

How to enable Picklist mode in Velocity Client?

How to enable Picklist mode in All-touch Terminal Emulation (ATTE)?

6.2 Applicable to

MC92N0^{ex} (based on Zebra MC9200), TC75^{ex}-NI (based on Zebra TC75), and TC75x^{ex}-NI (based on Zebra TC75x).

Zebra Android devices with Android KitKat and above.

The list of other supported Zebra devices can be found in the Zebra article above.

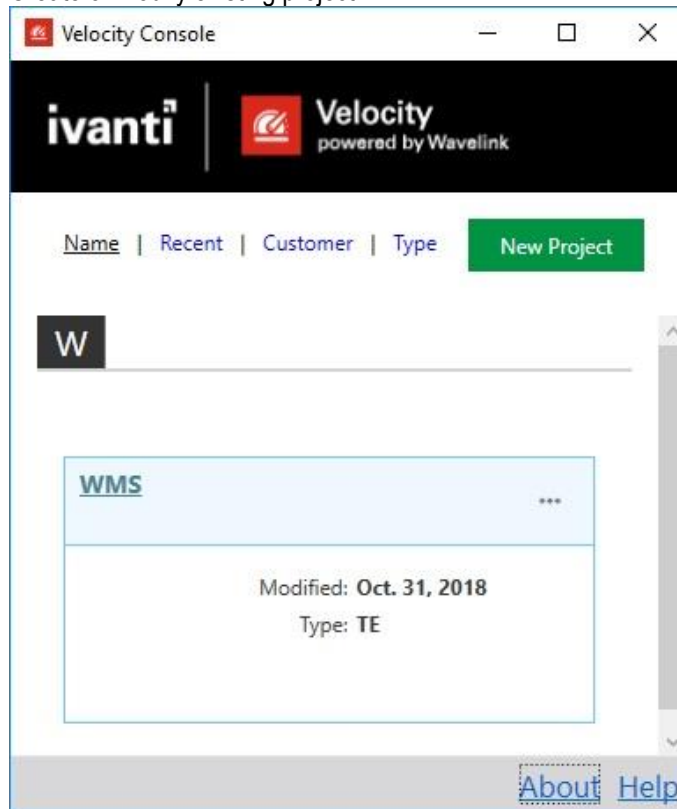


The Velocity Client should also support Picklist Mode on the other devices listed in this document. However, the menu navigation may differ for newer software versions.

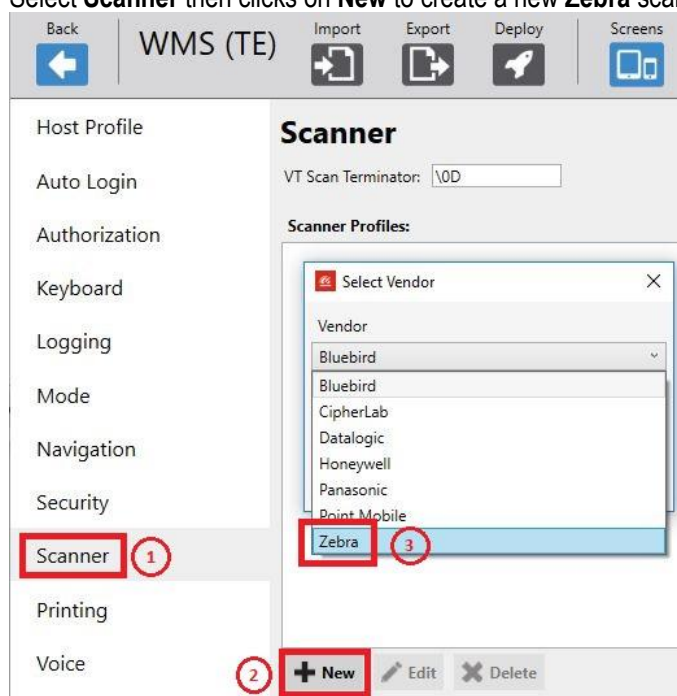
6.3 Resolution / Answer

Procedure:

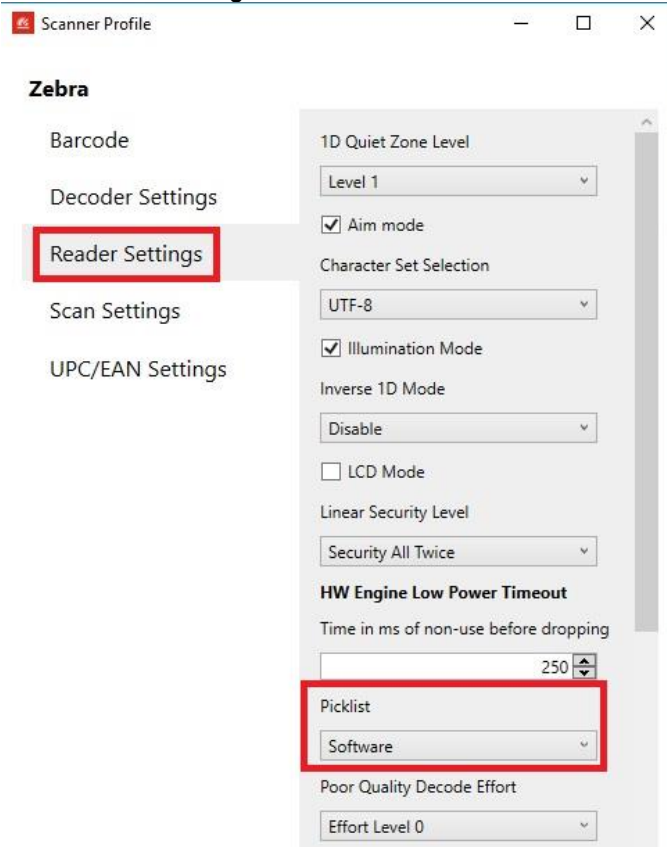
1. Launch **Velocity Console** v2.0.8 or higher. [Download File>>](#)
2. Create or modify existing project.




3. Select **Scanner** then clicks on **New** to create a new **Zebra** scanner profile.



- Under **Reader Settings** look for **Picklist** and set it to **Software**. Default is Disabled.



- Click **OK** to close the **Zebra scanner profile**.
- On the upper-left of the **Velocity console**, click on the **Save** button  to save the project.
- Deploy the newly created **'wlddep'** into the **'com.wavelink.velocity'** folder of the target Zebra Android device.