



## **-MS633 Series-** Bluetooth 2D Ring Scanner



**MS633**



**MS633 LR**

# Unitech Configuration Manual

This manual contains the basic configurations barcodes you need, you can adjust the settings and modes of your device according to your wishes.

## Copyright

Thank you for purchasing the Unitech product.

This manual explains how to install, operate and maintain our product.

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## Service Information

If there is a question with the barcode scanner, please contact us through the link below: <https://www.ute.com/en/contact>

# Bluetooth HID Mode

**Step 1.** The Bluetooth HID mode is a Bluetooth keyboard. When you scan the barcode, the data will be output at the cursor of the text.



Bluetooth HID Mode(\*)

The blue LED of your device is fast blinking. This means that the device is in pairing mode(HID mode).

**Step 2.** Turn on Bluetooth of your device.

Bluetooth

Currently visible to nearby devices



**Step 3.** Choose correct device.

AVAILABLE DEVICES



UnitechBarcodeScanner

# Bluetooth HID Mode

Connection has been completed, the blue light of the device has turned off, which means the connection is successful.

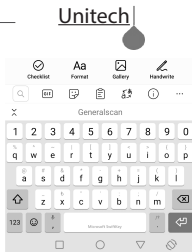


UnitechBarcodeScanner BT4.0  
Connected

**Step 4.** Please open a notebook app on your phone, when you scan a barcode the data will appear at the tip of the cursor. The barcode below is the test barcode.



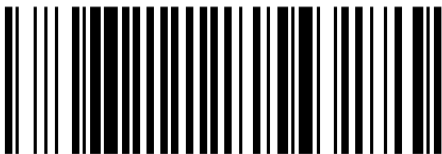
Unitech (Test Barcode)



## Bluetooth SPP Mode

The Bluetooth SPP mode is a Bluetooth serial port. You need a Bluetooth serial port software for data transmission. The SPP mode can also use the serial port software to send commands to the scanner.

Please scan Bluetooth SPP Mode barcode



Bluetooth SPP Mode

The blue LED of your scanner is slow blinking. This means that the device is in pairing mode(SPP mode).

# Bluetooth SPP Mode

**Step 1.** Please click to *'Connect Scanner'*. **Step 2.** Please click to *'Bluetooth Scanner'*. **Step 3.** Please click to *'Go select'*.



Go Select

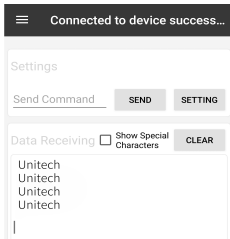
**Step 4.** Choose your *'Barcode Scanner'*

Unitech-BarcodeScanner BT4.0(LE)  
DC:0D:30:BB:1F:36

**Step 5.** Enter PIN *'1234'* and click next step

'1234'

**Step 6.** You will be able to see your data in your device.



## Bluetooth BLE Mode

The Bluetooth BLE mode is a low Energy protocol after the Bluetooth 4.0 protocol. You need a BLE software for data transmission. The BLE mode can also use the BLE software to send commands to the scanner.

Please scan Bluetooth BLE Mode barcode;



Bluetooth BLE Mode

The blue LED of your scanner is 2 fast and 1 slow blinking. This means that the device is in pairing mode (BLE mode).

# Bluetooth BLE Mode

**Step 1.** Please click to 'Connect Scanner'. **Step 2.** Please click to 'Bluetooth Scanner'. **Step 3.** Please click to 'Go select'.



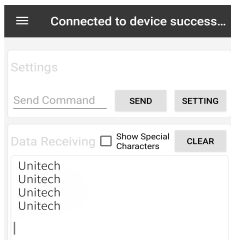
Go Select

**Step 4.** Choose your 'Barcode Scanner'.



Unitech-BarcodeScanner BT4.0(LE)  
DC:0D:30:BB:1F:36

**Step 5.** You will able to see your data in your device.





## USB-HID Mode

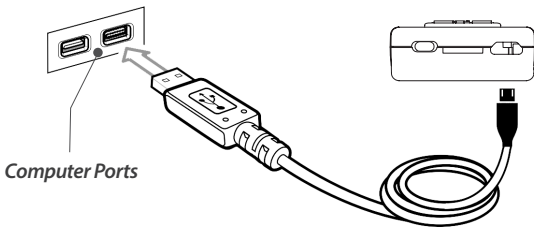
The USB-HID mode is a USB keyboard. When you scan the barcode, the data will be output at the cursor of the text.

**Step 1.** Please scan USB-HID Mode barcode;



USB-HID Mode

**Step 2.** Then connect your device to your computer with the USB cable that comes in the box.



## USB-HID Mode

**Step 3.** When your connection is successful, you will hear 3 beeps from your barcode scanner. After that, you can open a text file or your own software on your computer and display your data at the tip of the cursor.



Unitech  
(Test Barcode)



Untitled - Notepad

File Edit Format View

Unitech  
Unitech  
Unitech  
Unitech  
Unitech

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## USB-VCP Mode

To use the VCP Mode (Virtual COM Port), you can scan the barcode below.



USB-VCP Mode

### PARAMETERS

Baudrate 9600
Data Bits 8
Flow Control N
Stop Bits 1

## Suffix Settings

You can Enable or Disable the suffix by scanning the following barcodes.

The default suffix is CR and LF.



Disable Suffix



Enable Suffix(\*)

## Special Suffix Settings

You can change to a different suffix by scanning the following barcodes.



CR LF(\*)



CR



LF



TAB



SPACE

## Offline Storage Mode

Offline storage mode is for storing scanned barcodes in the scanner when Bluetooth is not connected, and can then be uploaded uniformly.

You can enable or disable offline storage mode by scanning the following barcodes.



Enable Offline Storage Mode



Disable Offline Storage Mode(\*)

You can get the number of stored barcodes and clear the stored records by scanning the barcodes on the next page. Also you can upload barcodes at different speeds by scanning the barcodes on the next page.

# Offline Storage Mode



Fast Speed Upload



Middle Speed Upload



Low Speed Upload



Barcode Storage Information



Clear Barcode Storage

## Auto-Trigger Mode

You can turn on auto-trigger mode at different intervals, and auto-trigger mode does not go into hibernation.



Disable Auto Trigger(\*)



1 Second Auto Trigger



2 Second Auto Trigger



5 Second Auto Trigger



## Hardware Informations

You can access your device's software version, ID, battery level and serial number by scanning the barcodes below. Make sure your barcode scanner is connected to a device to view the data.



Firmware Version



Device ID



Battery Level



Serial Number

# Vibration Level

You can set the vibration level by scanning the following barcodes, only for the R-Series.



Vibration Off



Level 1



Level 2



Level 3



Level 4

## DFU Mode

Please scan the barcode below to switch to Device Firmware Update mode.

After scanning this barcode, make sure that the blue and green LEDs of your device are constantly lit in sequence.



Enter DFU Mode

***Enter DFU Mode*** To download the software for upgrade application to your phone, you can scan the QR Code below with your phone's camera and access the application on our website. Only for Android.



OTA Tools For leaving DFU mode.

\*\* For MS633 Series, press 10 sec. to the trigger button.

## Default Factory Setting

You can restore the default factory settings by scanning the following barcode.



Default Factory Settings

## Service Information

If you have a question with your Unitech barcode scanner, please contact us through the link below:

**<https://www.ute.com/en/contact>**



**<http://www.ute.com/>**

## QUICK CONFIGURATION MANUAL

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