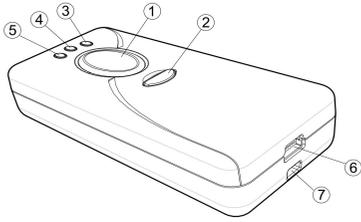


## 1. CM-520 Overview



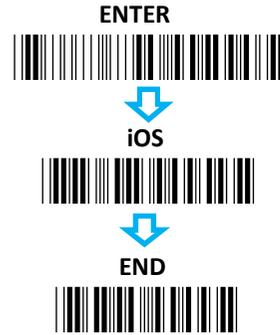
- ① Press **Scan Button** to read barcodes.
- ② Press **Small Trigger** to perform supplementary functions.
- ③ **Power Indicator** indicates the battery charge status.
- ④ **Good Read Indicator** indicates whether the barcode is decoded. Green LED shows a successful decoding attempt.
- ⑤ **Mode Indicator** indicates the current operation mode status. Blue LED stands for Bluetooth mode, green LED for Cable mode, and orange LED for Memory mode
- ⑥ Secure the interface cable into **USB Port** to charge the battery or transmit data.

## 2. Decimal/Hexadecimal Table

0	1	2
3	4	5
6	7	8
9	A	B
C	D	E
	F	SET

## 3. How to set up a bluetooth connection with iOS devices

**Step 1** Configure output interface of the scanner to be **iOS** by scanning the sequence of barcodes as the below figure shows.



**Step 2** Switch your scanner to Bluetooth Mode.



**Step 3** Pair your scanner with iOS devices.



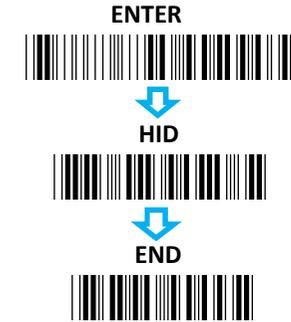
**Step 4** Turn on Bluetooth setting in your iOS Product. From the list of available Bluetooth devices, appropriately select the device which you intend to pair iOS product with.

**Step 5** According to the pop-up message which contains PinCode info, please properly scan the sequence of decimal barcodes from Decimal/Hexadecimal Table in Section 2. Then, scan **SET** label in the same table to initiate the pin code verification.

**Step 6** After Bluetooth connection is successfully established, press Home button and launch **Notes** application to receive barcode data.

## 4. How to set up a bluetooth connection with Android devices

**Step 1** Configure output interface of the scanner to be **HID** by scanning the sequence of barcodes as the below figure shows.



**Step 2** Switch your scanner to Bluetooth Mode.



**Step 3** Pair your scanner with Android devices.



**Step 4** Turn on Bluetooth setting in your Android device.

From the list of available Bluetooth devices, appropriately select the device which you intend to pair Android phone with.

**Step 5** According to the pop-up message which contains PinCode info, please properly scan the sequence of decimal barcodes from Decimal/Hexadecimal Table in Section 2. Then, scan **SET** label in the same table to initiate the pin code verification.

**Step 6** After Bluetooth connection is successfully established, launch a text editing application to receive barcode data.

## 5. How to set up a bluetooth connection with terminal programs via SPP Master interface

**Step 1** After the Bluetooth dongle is secured into Host PC, please go to **Control Panel>Bluetooth Settings**.

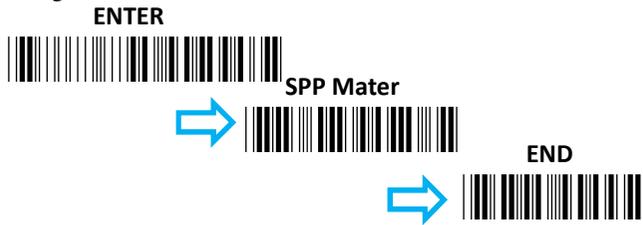
**Step 2** In **Bluetooth Settings**, click on **COM Ports** tab and then hit **Add** button to add an incoming port.

**Step 3** In **Add COM Port** dialogue box, select **Incoming** option and then hit **OK** button to initiate the process.

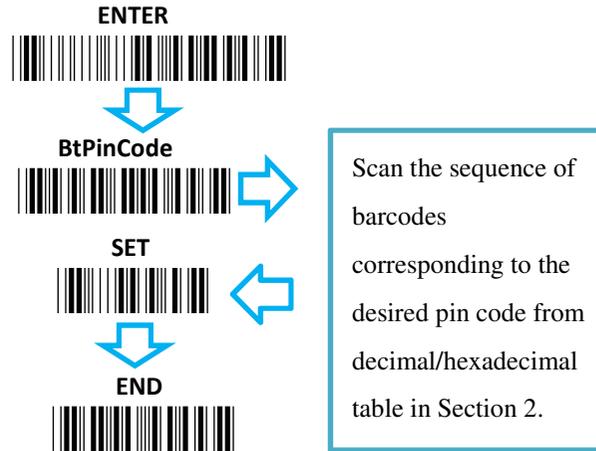
**Step 4** Back to **Bluetooth Setting**, if the incoming port is successfully generated, the list box in **COM ports** tab will show associated information regarding the incoming port.

**Step 5** Launch the terminal simulation application to configure COM Port with the incoming port you generate in step 4 and ensure the application is connected using specified COM port.

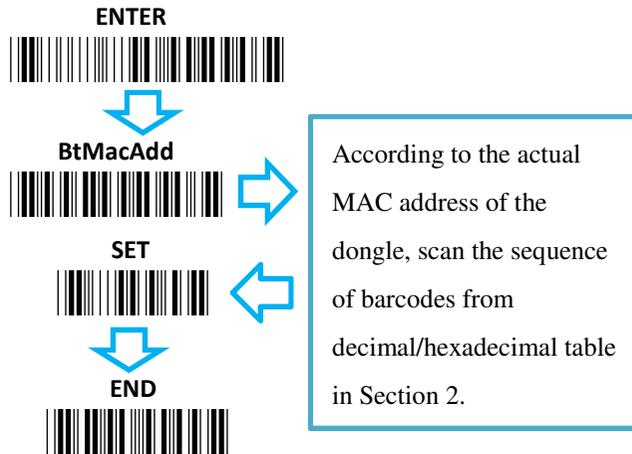
**Step 6** Configure output interface of the scanner to be **SPP Master** by scanning the sequence of barcodes as the below figure shows.



**Step 7** Follow the below steps to configure pin code information.



**Step 3** Follow the below steps to configure MAC address information.



**Step 8** Switch your scanner to Bluetooth Mode.



**Step 9** Pair your scanner with Android devices.



**Step 10** when the system successfully detects the scanner, a

pop-up message will appear around Bluetooth icon on the taskbar. Click on the message to prompt **Add a device** dialogue box to proceed with relative configurations.

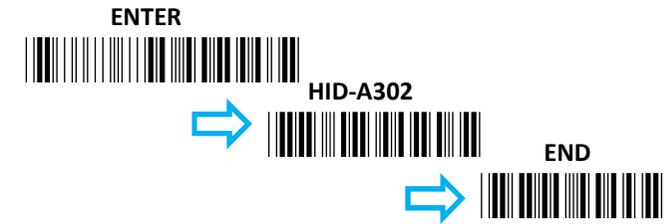
**Step 11** Following through the configuration, appropriately enter the pairing code which you specify in step 7 for the pin code verification.

**Step 13** Once Bluetooth connection is successfully established, switch back to the terminal program to receive barcode data.

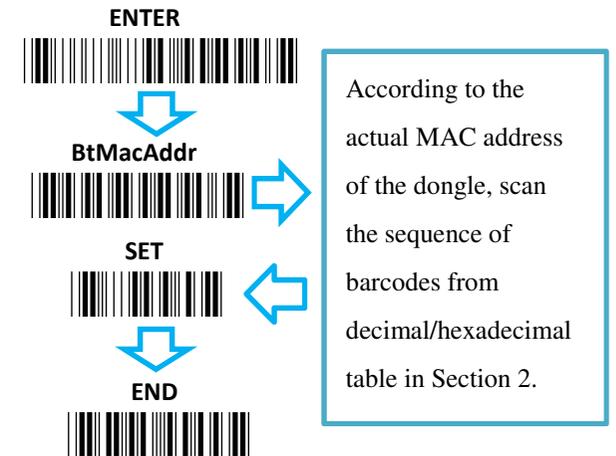
## 6. How to set up a bluetooth connection using Dongle A-302

**Step 1** Configure output interface of the scanner to be

**HID-A302** by scanning the sequence of barcodes as the below figure shows.



**Step 2** Follow the below steps to configure MAC address information.



**Step 3** Secure Bluetooth dongle A-302 into Host PC.

**Step 4** Switch your scanner to Bluetooth Mode.



**Step 3** Pair your scanner with Android devices.



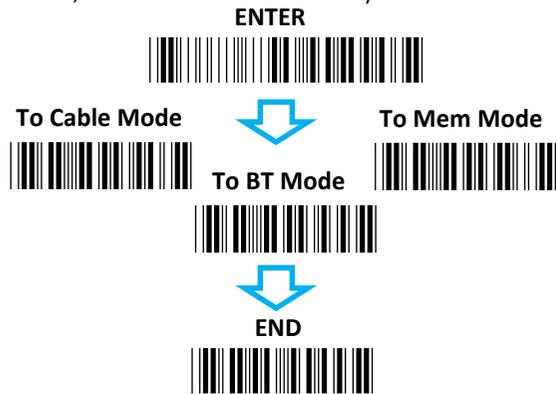
**Step 5** Launch a text editing program to receive barcode data.

## 7. Basic Scanner Operations

### 7-1. Mode Switch

Please follow the below steps to attempt mode switch among

Cable mode, Bluetooth mode and Memory mode.



### 7-2. Transmit all barcode data

Please scan the sequence of barcodes as the following

figure shows.



### 7-3. Clear all saved barcode data

Please scan the sequence of barcodes as the following

figure shows.

