
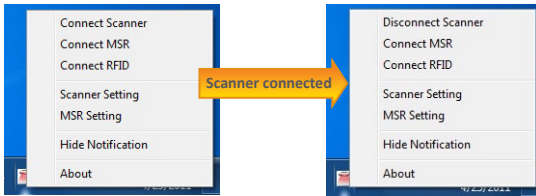




# Mobile POS Tablet Barcode Scanner

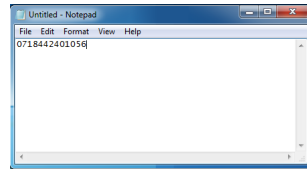
## To Connect Barcode Scanner Module

To connect the Barcode Scanner, you can use the **Keyboard Wedge**. Tap on the  icon in the task bar, a menu displays as shown in the picture below. Select Connect Scanner.



## To Test Barcode Scanner Module

1. Click **Start | All Programs | Accessories | Notepad** to run the Notepad.
2. Scan one of the several supported barcodes.  
The output will appear in the Notepad screen.
3. Verify the captured data.



## The Default Port Parameters for Barcode Scanner Module

Port	COM3
Baud Rate	115200
Data Bits	8
Parity	None
Stop Bits	1
Flow Control	None

**Note:** Please refer to Hyper Terminal Settings to confirm or change the port parameters.

## SPECIFICATIONS

Scanning Performance	Scan rate	60fps auto adaptive
	Scan angle	Tilt: 360°/ Pitch: ±45°/ Skew: ±65°
	Optical resolution	CMOS 844 X 640 pixels
	Print contrast	down to 20%

Note: Specifications are subject to change without notice.



### Linear Imager Compliance and Precaution

This product complies with the following standards for laser and LED safety.  
IEC 60825-1 Class2 LASER Product



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## To Test CMOS Camera Module

To test the CMOS Camera, launch **DTSMCap Utility** from **Start | All Programs | Utilities**.  
Select **File | Set Capture File** to assign the location of the captured files.



- ▶ Click **Options | Preview** to preview the capture screen.
- ▶ Click **Devices** to select your camera device.
- ▶ Take a picture from **Snap | Go**
- ▶ Capture the Video from **Capture | Start Capture** to start and **Stop Capture** to end it.
- ▶ You also can trigger from the assigned button, then edit the captured files

## SPECIFICATIONS

### Front Camera

<b>Sensor</b>	1/5" CMOS sensor
<b>Resolution</b>	Still Image support up to 1600(H) x 1200(V) pixels
<b>Automatic Image Control</b>	Automatic Exposure Control Automatic White Balance Control Automatic Gain Control
<b>Focusing Type</b>	Auto focus @ 10cm

### Back Camera

<b>Sensor</b>	1/4" CMOS sensor
<b>Resolution</b>	Still image support up to 2592(H) x 1944(V) pixels
<b>Automatic Image Control</b>	Automatic Exposure Control Automatic White Balance Control Automatic Gain Control
<b>Focusing Type</b>	Auto focus @ 10cm

Note: Specifications are subject to change without notice.




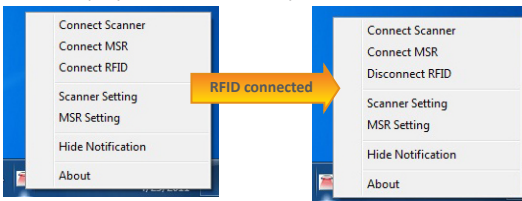
# Mobile POS Tablet RFID Reader

## The Default Port Parameter for RFID Module

Port	COM4
Baud Rate	9600
Data Bits	8
Parity	None
Stop Bits	1
Flow Control	None

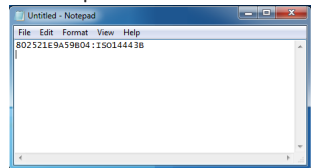
## To Connect RFID Reader Module

To connect the RFID, you can use the **Keyboard Wedge**. Tap on the  icon in the task bar, a menu displays as shown in the picture below. Select **Connect RFID**.



## To Test RFID Reader Module

1. Click **Start | All Programs | Accessories | NotePad** to run the Notepad.
2. Place an RFID tag or RFID card within range of the RFID Reader. (see reading range in specifications). The output will appear in the Notepad screen.
3. Verify the captured data.



## SPECIFICATIONS

Frequency	13.56MHz ±7 KHz
Reading Range	Within 30mm
HF RFID Reader	ISO 15693,1443A(B), 18000-3 mode-1




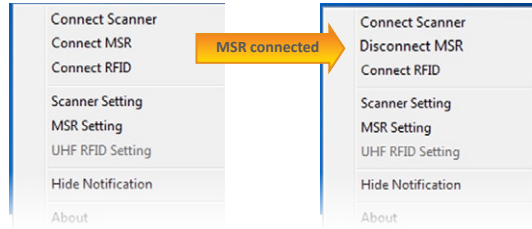


# Mobile POS Tablet Magnetic Stripe Reader

## To Connect Magnetic Stripe Reader Module

To connect the Magnetic Stripe Reader, use the Keyboard Wedge.

Tap on the  icon in the task bar, a menu is displayed as shown in the picture to the right. Choose Connect MSR.



## To Configure MSR

For a magnetic stripe card, the raw data in each data track may contain start and end sentinel characters. To remove those characters, you can select the MSR Setting command to parse input raw data and filter out the start and end sentinel characters on each track.

1. Click **MSR setting** in the WebDT Keyboard Wedge menu, and the **Msr Parse Format Setting** window will be displayed.

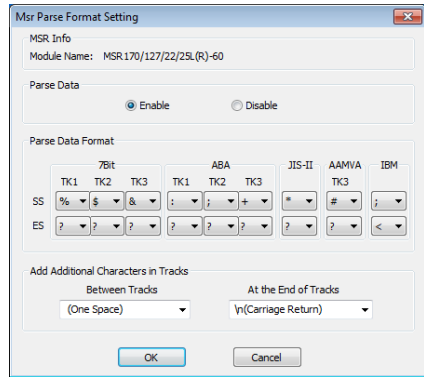
2. Choose Enable in the Parse Data section. Choose data you want to parse at the start or end of each track.

For Example:

Check Track 1

- In Start Sentinel Character, select %
- In End Sentinel Character, select ?

3. Click **OK** to complete the settings



## To Test Magnetic Stripe Reader Module

1. Click **Start | All Programs | Accessories | NotePad** to run the Notepad.

2. Swipe a magnetic stripe card through the module. The output will appear in the NotePad screen.

3. Verify the captured data.

## Default Port Parameters for Magnetic Stripe Reader Module

<b>Port</b>	COM2
<b>Baud Rate</b>	19200
<b>Data Bits</b>	8
<b>Parity</b>	None
<b>Stop Bits</b>	1
<b>Flow Control</b>	None