SC405
SCANNER 2D
USER MANUAL

SC405

3nStar
ONE BRAND, ONE SOLUTION

Scanner Overview

LED Indicator

Buzzer

Scanner Window

Trigger Button
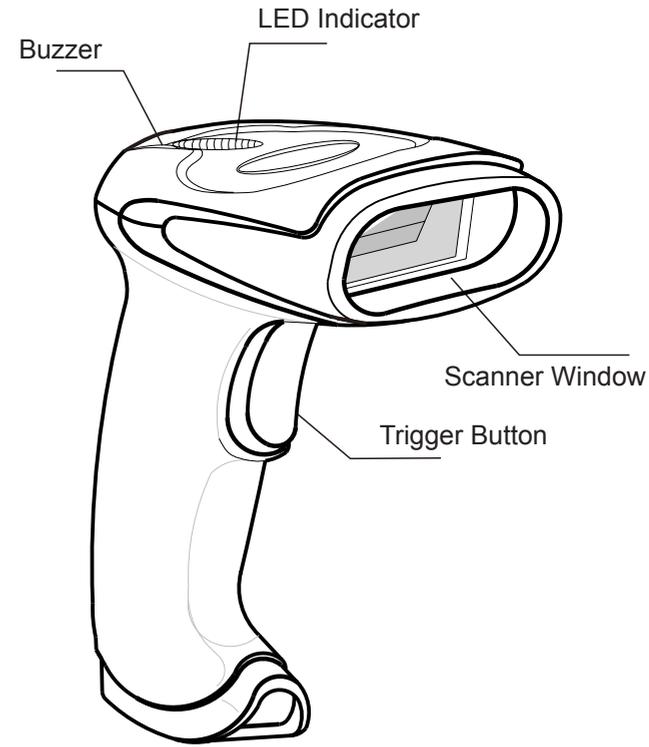
NOTE: Product appearance may vary

Plug & Unplug Cable

Plug in as shown above

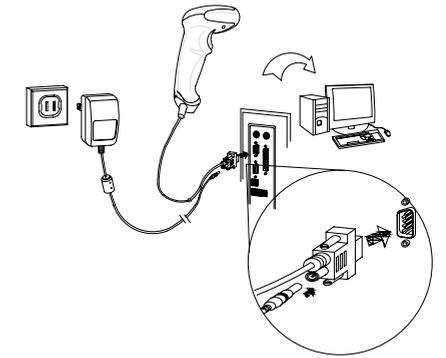Press the tab until it clicks, then pull out the cable
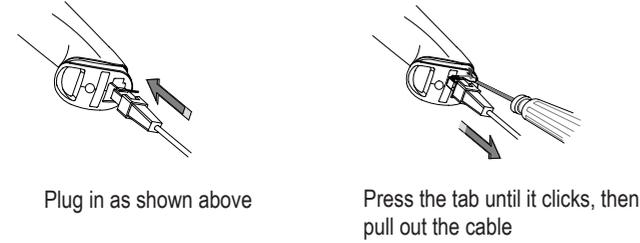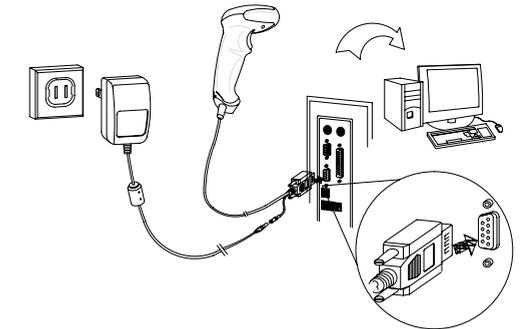
Connection Guide

(1) USB Cable

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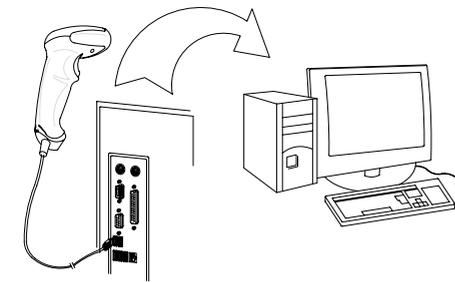
(2) RS232 Cable

(3) RS485 Cable

2D Barcode Scanner
Quick Start Guide

2D

Contents: Barcode Scanner, Quick Start Guide, USB/RS 232 Cable
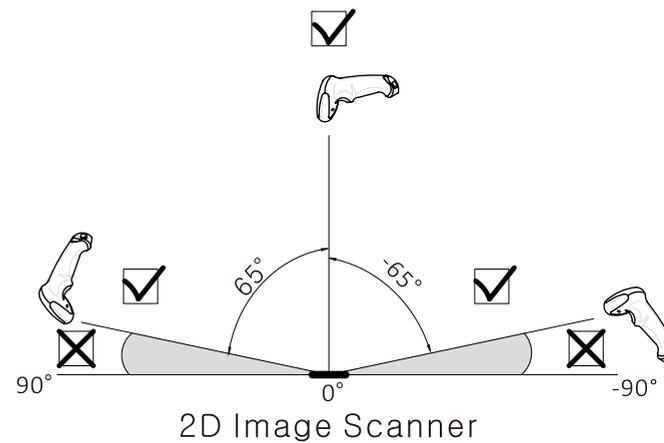Power Adapter (optional)

Lights Indicator

LED indication	*Explanation*
Blue light blinking	Decoding Successfully
Blue light ON	Standby status

Beeps

Beep indication	*Explanation*
One beep	Decoding Successfully
Two beeps	Successful parameter setting

Scanning Angle

65° -65°

90° 0° -90°

2D Image Scanner

Correct Scan Method

Best decode distance 5 ~ 15CM

121311113
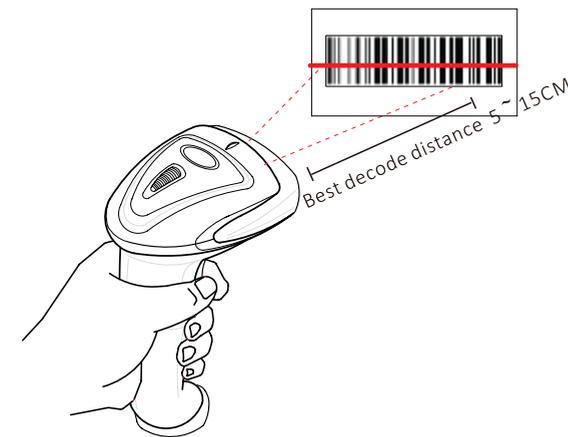
NOTE: Laser beam or Red LED light should fully cover the bar code

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Troubleshooting Q & A

Q1: USB bar code scanner gives a continous beeping sound after scanner with no data uploaded.

A1: Unplug the plug to the scanner from USB port and plug it into a different USB port or reset the interface mode to "USB HUD Keyboard."

Q2: USB bar code scanner makes alarm buzzer sound and no data is uploaded.

A2: Restore factory default

Q3: No laser beam or LED light after connection via RS232

A3: Refer to Data Cable Connection guide in this manual and check power supply.

Q4: No data uploaded and alarm buzzer after scanning via RS232.

A4: Terminal should have software to transfer data when using RS232.

Decode Settings

Scan the function bar code

Default Parameter

1) Restoring default mode will not change the Interface Mode. Refer to Interface Mode section for setting the interface.

2) The symbol "*" indicates default parameter

0D0100.
Restore Defaults

Firmware Version

Scan the following bar code to display the firmware version number.

091600.
Version

Interface Mode

Select the required Interface Mode shown below

091809.
USB HID Keyboard

091804.
Serial Output

Auto Trigger

When the scanner detects an object in its field of view, it will be triggered and attempt to decode without pressing the button.

090901.
Enable auto trigger

091A00.
*Disable auto trigger

Suffix Values

Suffix can be appended to scan data for use in data editing.

080404；080507.
None

090200.
*0x0D （CR）

090202.
0x0A （LF）

090300.
0x0D 0x0A （CR LF）

090201.
TAB

Keyboard Language

Choose a keyboard layout according to your system language settings.

060E000.
*US

060E004.
German

060E003.
French

060E001.
French Belgian

060E0027.
Turkish

060E0015.
Czech

060E0016.
Brazil

060E005.
Italian

060E0010.
Spanish

Code39 Setting

0203051.
Transmit ST/SP

0203050.
*Not Transmit ST/SP

0203020.
*Disable Full ASCII Code39

0203021.
Enable Full ASCII Code39

Illumination

0401020.
High level Illumination

0401022.
Mid level Illumination

0401023.
Low level Illumination

Symbologies

Read this function bar code to enable decode all bar code type.

0201001.
Enable all symbologies