



# USB BARCODE SCANNER

Model: ES015

www.eskynow.us.

## ■ Technical parameters

<b>Voltage</b>	DC 5V ± 5%
<b>Current</b>	100mA (Idle Current < 40mA)
<b>Light Source</b>	650 - 670nm (visible)
<b>Scanner Type</b>	Bi-directional
<b>Scan Rate</b>	200 scans per second
<b>Print Contrast</b>	30% minimum reflective difference
<b>Resolution</b>	0.10mm (4mil) PCS0.9
<b>Reading Distance</b>	2.5 - 600mm (100% UPC/EAN)
<b>Scanning Angle</b>	Inclination angle 45°, Elevation angle 65°
<b>Decode Capability</b>	Auto discriminates: UPC/EAN, UPC/EAN with Supplemental, UCC/EAN 128, Code 39, Code 39 Full ASCII, Trioptic Code 39, Code 128, Code 128 Full ASCII, Codabar, Interleaved 2 of 5, Discrete 2 of 5, Code 93, MSI, Code 11, RSS variants, Chinese 2 of 5
<b>Interfaces Supported</b>	Keyboard Wedge, RS232, USB
<b>Operating Temperature</b>	0°C - 50°C / 32°F to 122°F
<b>Storage Temperature</b>	-40°C - 70°C / -40°F to 158°F
<b>Relative Humidity</b>	5% - 95% (non condensing)
<b>Anti-seismic</b>	1.5m drop on concrete surface
<b>Ambient Light Immunity</b>	Immune to direct exposure of normal office and factory lighting conditions, as well as direct exposure to sunlight
<b>Electrostatic Discharge</b>	Conforms to ±15KV air discharge and ±8KV of contact discharge
<b>Dimensions</b>	170mm x 67mm x 43mm (L x W x H)
<b>Weight</b>	202g

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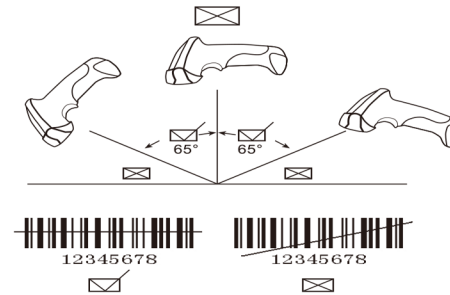
## ■ Package contents

- 1 x Barcode Scanner
- 1 x USB Cable
- 1 x User Manual
- 1 x Warranty Card

## ■ Operational Guide

### a. How to scan barcode

1. Connect the barcode scanner to USB interface of PC via supplied USB cable. Then your computer will automatically install the USB driver within 2-5 seconds.
2. Place the barcode within scanning area. When its laser is activated, handheld the scanner to scan barcode (let the laser cover entire barcode, otherwise it won't be able to read out).

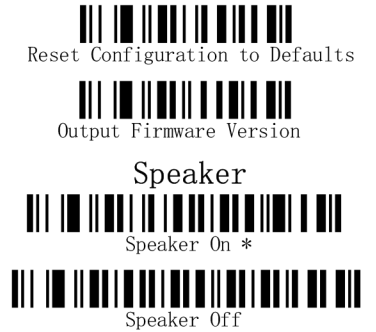


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3. Reading distance of this scanner is 2.5 - 600mm, which has nothing to do with barcode size and density.
4. If the barcode has been successfully read out, there will be sound and light indication to prompt you. If no barcode detected, it will enter dormancy mode.
5. If barcode can't be decoded successfully, there may be decoding incompatibility of scanner.

### b. How to Set up Scanner

Note: With "<>" symbol set is expressed as the default.



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## Output Mode



USBHID



PS/2



UART



VCOM

## Reading Mode



Level Trigger Mode



Continuous Scan



Blink Mode

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## Keyboard Languages



USA



France



Germany



England

## Transmit Speed



0ms



250ms

## Baud Rate



9600 \*

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115200

## Hand Shake



NONE \*



XON/XOFF



RTS/CTS

## Data Bit



7 Data Bits



8 Data Bits \*

## Stop Bit



1 Stop Bit \*

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2 Stop Bit

## Check Digit



NONE \*



ODD



EVEN



Reset UART

## Caps Lock



No Conversion \*



to Uppercase



to Lowercase

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## Enable Normal and Inverse Data



Normal \*



Inverse

### UPC-A



UPC-A On \*



UPC-A Off



Convert UPC-A to EAN-13 On



Convert UPC-A to EAN-13 Off \*



Enable UPC-A System Character



Disable UPC-A System Character \*

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Enable Start Character



Disable Start Character \*

### Code 128



Code 128 On \*



Code 128 Off

### Code 93



Code 93 On \*



Code 93 Off

### Interleaved 25



Interleaved 25 On \*



Interleaved 25 Off

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## EAN-13



EAN-13 On \*



EAN-13 Off



Convert EAN-13 to ISBN/ISSN On



Convert EAN-13 to ISBN/ISSN Off \*

## EAN-8



EAN-8 On \*



EAN-8 Off



Convert EAN-8 to EAN-13 On



Convert EAN-8 to EAN-13 Off \*

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## Other 25



Enable Industrial 25



Disable Industrial 25 \*



Enable China Post



Disable China Post \*



Enable Standard 25



Disable Standard 25 \*

## Codabar



Codabar On \*



Codabar Off

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## UPC-E



UPC-E On \*



UPC-E Off



Convert UPC-E to EAN-13 On



Convert UPC-E to EAN-13 Off \*



Convert UPC-E to UPC-A On



Convert UPC-E to UPC-A Off \*



Enable UPC-E system Character



Disable UPC-E system Character \*

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Check On



Check Off \*



Check Digit Transmission On



Check Digit Transmission Off \*



Enable Start Character



Disable Start Character \*

## MSI Plessey



MSI Plessey On



MSI Plessey Off \*

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## Code 39



Code 39 On \*



Code 39 Off



Check On



Check Off \*



Check Digit Transmission On



Check Digit Transmission Off \*



Enable All ASCII Character



Disable All ASCII Character \*

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## ■ FAQs & Solutions

### 1. When reading barcode, the barcode data are lost?

Slow down the transmission speed of barcode scanner.

### 2. Garbled or error character?

Set the barcode scanner keyboard in line with the use of keyboard.

### 3. Can't read barcode?

Maybe this type of barcode decoder has been set as OFF. It is recommended to activate the settings.

### 4. Barcode can't be identified after both keyboard and barcode being connected with PC?

Maybe this type of barcode decoder has been set as OFF. It is recommended to activate the settings.

### 5. There is no prompt tone when barcode has already connected to the serial port of PC?

Serial port of PC is not provided with power. Please connect it to 5V power outlet.

### 6. There is voice prompt but no data transmission after barcode scanning?

The interface may be wrong, please find right interface setting.

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