

## Troubleshooting your scanner

Some barcode types are disabled by default. For more information, please refer to the Full User Manual or email us at [helpdesk@scanavenger.com](mailto:helpdesk@scanavenger.com)



Scan in your browser for the full user manual

In order to correctly use the barcode scanner, please read the instructions carefully. It is advisable to keep this manual for future reference.

If at any stage you accidentally scan configuration codes and the scanner stops working, please email us at [helpdesk@scanavenger.com](mailto:helpdesk@scanavenger.com) for the full reset process.

### ImportantNote:

Please don't use Fast Charging AC adapters to charge your scanner, as this may shorten the lifespan of its built-in battery.

## Led & Buzzer

LED Light	Description
Blue LED ON	Scanner ON and paired
Red LED ON	Charging
No light ON	Scanner not paired to any device

Buzzer	Description
A long beep	Power ON/OFF
A short beep (low frequency)	Scan common barcode, paired, or wireless connection success
5 short beeps (low frequency)	Battery without electricity and stop scanning
3 short beeps (low frequency)	Wireless disconnected

### Mini Scanner LED Light Smart Light Signaling

1. Small and Medium lights turn on when scanner is on
2. Large light turns on when the scanner is connected.
3. Medium light flashes once when successfully reading a barcode.

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ScanAvenger reserves the right to make the final interpretation of the above statement. If you come across any issues with your product, please contact us via email at [helpdesk@scanavenger.com](mailto:helpdesk@scanavenger.com). When contacting our helpdesk please make sure to mention your order number and scanner model.

Scanner type	CMOS
Light source	Red Light LED 525 ±10nm
	CPU 32-bit
Resolution	640*480
	Resolution 1D≥3mil, 2D≥8.7mil@PCS90%
Decoding speed	25CM/S
Depth of field	10mm-500mm
Scan mode	Manual, Auto Sense
Scan angle	Roll ±360°, Pitch ±60°, Skew ±70°
Print contrast	≥25%
Wireless distance	2.4GHz = 150meters, Bluetooth 30meters (open distance)
Storage Battery capacity	16Mb 2200 mAh (1200 mAh for SA1100)
Charging time	Approx. 3 hours
Continuous working time	≥16 hours
Communication	USB, Wireless 2.4G, Wireless Bluetooth 4.2
Power supply	DC 5V@200mA (work)
Operating temp	0°C to 50°C
Storage	-30°C to 60°C
Humidity Drop	5% to 95% (non-condensing)
Height	1.5mCE,
Certificate	FCC, RoHS

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## How to connect the scanner using a USB Wireless Dongle:

### 2.4G Mode - laptop/computer

1. Power the scanner by pressing the button
2. Insert the USB dongle into a USB port of your device
3. Wait 30 seconds for devices to pair automatically.

For any issues connecting the scanner to the Wireless USB Dongle please follow the below troubleshooting steps:

1. Unplug USB Dongle
2. Scan the below barcode:



### 2.4G Mode - laptop/computer

Pair with dongle

3. Scan below barcode:



### Pair with dongle

4. Plug the USB Dongle back into the computer and test again. A blue light on the scanner should turn on, indicating that your scanner is connected to the dongle.

**\* If the scanner is in Bluetooth Mode and you want to revert back to the previously connected dongle, all you need to do is scan the 2.4G Mode barcode above.**

To test, open a Word document or notes and try scanning a normal barcode (not a configuration barcode from the user guide). If you have any questions about setting up or configuring the scanner please email us at [helpdesk@scanavenger.com](mailto:helpdesk@scanavenger.com)

Our helpdesk operates 24/7 - 365 days a year.

## How to connect the scanner via Bluetooth to a mobile phone, tablet, or other Bluetooth devices

### Bluetooth Mode

1. Scan:



### Bluetooth Mode

2. Scan:



### Pair with Bluetooth

3. Scanner light will be flashing blue. This means you can connect it to your mobile device. On your mobile/tablet go to Bluetooth devices, search for "ScanAvenger HID" and click PAIR.
4. Scanner light will turn solid blue indicating the scanner is connected to your device. Remember you can turn ON/OFF your mobile phone/tablet keyboard by double tapping the scanner button.

\* If the scanner is in Dongle Mode, and you want to revert back to the previously connected Bluetooth device, all you need to do is scan the Bluetooth Mode barcode above.

\*\* If for whatever reason you are having Bluetooth connectivity issues, we recommend you remove the scanner from your Bluetooth devices on your mobile and go through the above steps again. For Bluetooth SPP and BLE Modes please contact us at Helpdesk.

To test, open a word document or notes and try scanning a normal barcode (not a configuration barcode from the user guide). If you have any questions about setting up or configuring the scanner please email us at [helpdesk@scanavenger.com](mailto:helpdesk@scanavenger.com)

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## Trigger Modes

There are two different trigger modes:

1. Manual Trigger



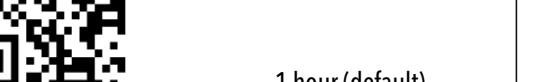
### Manual Trigger



### Sense Mode

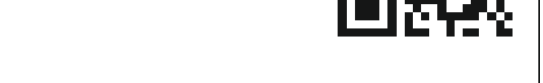
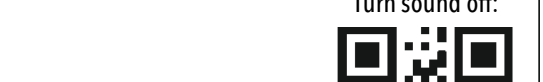


### Sleep Time Settings



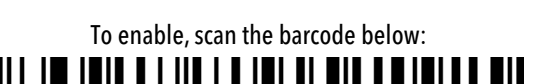
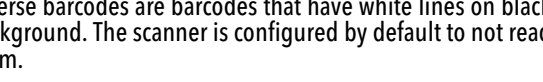
## Never sleep:

Sleep now



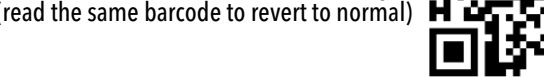
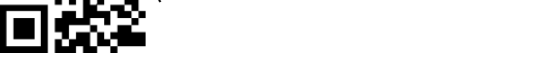
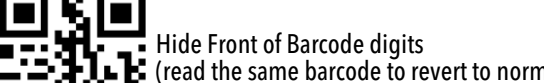
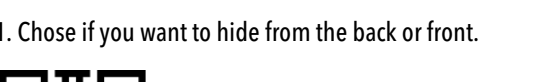
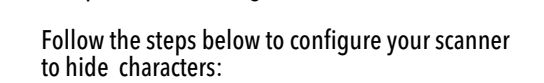
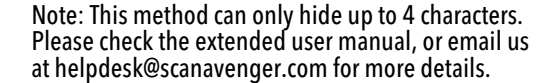
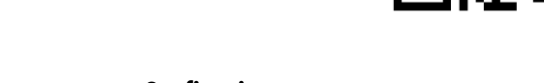
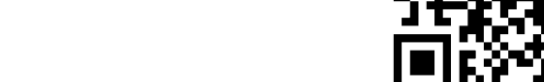
## Inverse Barcodes

To enable, scan the barcode below:



## Language Settings

English (default)

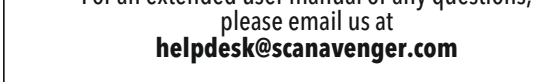
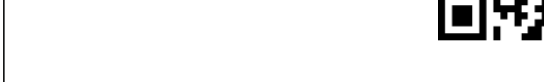
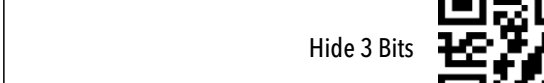
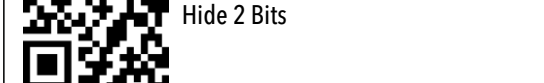


## Configuring your scanner to automatically hide characters

Note: This method can only hide up to 4 characters. Please check the extended user manual, or email us at [helpdesk@scanavenger.com](mailto:helpdesk@scanavenger.com) for more details.

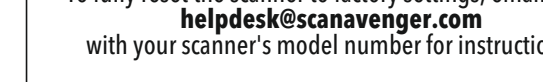
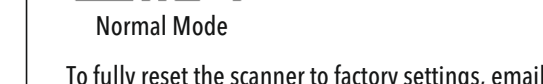
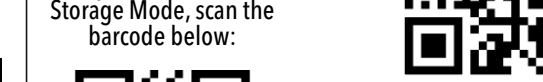
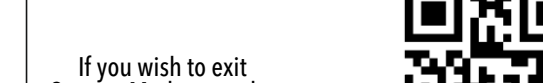
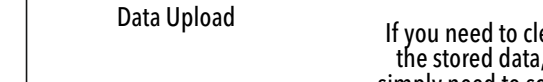
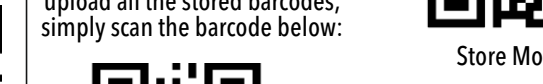
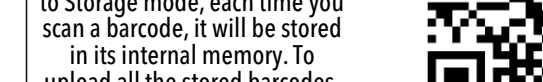
Follow the steps below to configure your scanner to hide characters:

1. Chose if you want to hide from the back or front.



## Storage Mode

Once your scanner had been set to Storage mode, each time you scan a barcode, it will be stored in its internal memory. To upload all the stored barcodes, simply scan the barcode below:



## Frequently Asked Questions

### 1. Can it automatically open a website page, after scanning a QR code?

The basic idea is that the scanner acts as an automatic keyboard. You have to click where you want the data to be written. Each time you scan a barcode, it will transmit the data as if you would be typing on a keyboard. Your devices will recognize the scanner as a keyboard.

**Please note that this will not impact your keyboard's functionality.**

### 2. When trying to scan, my scanner makes multiples beeps, without outputting anything. Why does this happen?

The number of beeps and the LED on the back of your scanner will help you identify why this is happening. The most common issues being:

- 3 beeps and flashing LED - your scanner is not connected to your device. To fix this, please follow the Dongle/Bluetooth Pairing from this Quick User Guide.
- 5 beeps and stops scanning (shuts down) - your scanner is out of battery. Please charge your scanner and try again.

### 3. Will ScanAvenger barcode scanners work with any Inventory Management Software?

Your ScanAvenger barcode scanner will work with most Inventory Management Software. That being said, some Inventory Management Software developers restrict what barcode scanners will work. We recommend checking their website for more information.

If you need any assistance, please do not hesitate to contact us at [helpdesk@scanavenger.com](mailto:helpdesk@scanavenger.com)

## Wireless Barcode Scanner Quick Start Guide

# SCANAVENGER