

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



Scan in your browser for the full user manual

Please read this manual carefully before using your barcode scanner, and keep it for future reference.

If at any stage you accidentally scan configuration codes and your scanner stops working, please email us at helpdesk@scanavenger.com

Charging Tip for Long-Term Use
To keep your scanner in good condition, use a standard 5V/1A charger. Avoid using fast chargers or power adapters with higher output (like 5V/2A or 9V/2A), as they may damage the internal power protection circuit over time.

How to check?
Look at the small print on your charger. If it says "Output: 5V 1A", it's safe to use. If it says anything higher (like 5V 2A or 9V), please use a lower-power charger or charge through a computer USB port.

LED & Buzzer	
LED Light	Description
Blue LED ON	Scanner ON and paired
Red LED ON	Charging
Green LED ON	Fully charged
No light ON	Scanner not paired
Battery LED Light	Description
One LED ON	Battery at 0%-25%
Two LEDs ON	Battery at 25%-50%
Three LEDs ON	Battery at 50%-75%
Four LEDs ON	Battery at 75%-100%

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) and stop scanning	Battery has no charge
3 short beeps (low frequency)	Wireless disconnected

Please read this manual carefully and keep it for future reference. No part may be reproduced without written permission from ScanAvenger, which reserves the right of final interpretation.

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

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≥mil, 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 150 m (493 ft)
	Bluetooth 30m (98 ft) (open distance)
Storage	2Mb (over 20,000 Product codes)
Battery capacity	2500 mAh
Charging time	Approx. 3 hours
Continuous working time	≥20 hours
Communication	USB, Wireless 2.4G, Wireless Bluetooth 5.0
Power supply	DC 5V@230mA (work)
Operating temp	0°C to 50°C
Storage temp	-30°C to 60°C
Humidity	5% to 95% (non-condensing)
Drop Height	1.5m
Certificate	CE, FCC, RoHS

For an extended user manual or any questions please email us at helpdesk@scanavenger.com

How to connect your scanner using the USB Wireless Dongle: 2.4G Mode - laptop/computer

1. Power your 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 issues connecting your scanner to the Wireless USB Dongle, please follow the below troubleshooting steps:

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



2.4G Mode - laptop/computer

3. Scan the below barcode:



Pair with dongle

4. Plug the USB Dongle back into the computer and test again. The blue light on the back of your scanner will turn on, indicating that your scanner is connected.

***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 found in step 2.**

To test your scanner, open a Word document or Notes app, then scan a standard barcode. The scanned data will appear automatically where your cursor is placed. If you have any questions about setting up or configuring your scanner, please email us at helpdesk@scanavenger.com
Our helpdesk operates 24/7 - 365 days a year.

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

1. Scan:



Bluetooth Mode

2. Scan:



Pair with Bluetooth

3. Your scanner's light will flash blue. On your mobile device, go to Bluetooth settings, search for "ScanAvengerHID" and tap PAIR.
4. Light will turn solid blue when connected. You can Double-tap the scanner button to toggle the mobile keyboard ON/OFF.

* To switch from 2.4G Mode back to a previously paired Bluetooth device, scan the Bluetooth Mode barcode in step 1.

** For Bluetooth connectivity issues, remove the scanner from your Bluetooth devices and repeat steps 1-2. For Bluetooth SPP and BLE Modes please contact us at Helpdesk.

To test your scanner, open a Word document or Notes app, then scan a standard barcode. The scanned data will appear automatically where your cursor is placed. For questions about setting up or configuring the scanner, please email us at helpdesk@scanavenger.com
Our helpdesk operates 24/7 - 365 days a year.

Trigger Modes

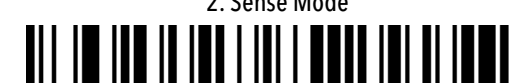
There are two different trigger modes:

1. Manual Trigger



Manual Trigger

2. Sense Mode



Sense Mode

Sleep Time Settings

- 5 minutes



5 minutes

- 1 hour (default)



1 hour (default)

Never sleep:



Never sleep:

Sound Settings



Sound Settings

Turn sound off:



Turn sound off:

Low volume



Low volume

High volume



High volume

Inverse Barcodes

Inverse barcodes are barcodes that have white lines on black background.



To enable, scan the barcode below:

Language Settings



English (default)

French:



French:

German:



German:

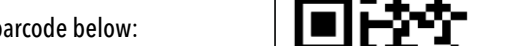
Spanish:



Spanish:

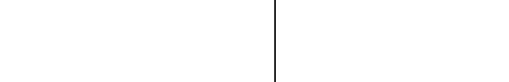
Configuring your scanner to automatically hide characters

Note: We have included instructions to hide up to 3 characters. For more, please check the full user manual or contact us at helpdesk@scanavenger.com



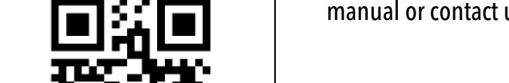
Follow the steps below to configure your scanner to hide characters:

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



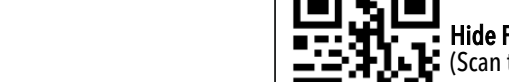
Hide Front of Barcode digits (Scan the same code again to revert to normal)

Hide Back of Barcode digits



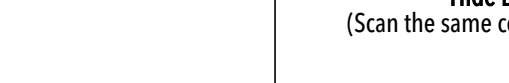
Hide Back of Barcode digits (Scan the same code again to revert to normal)

Hide 1 bit



Hide 1 bit

Hide 2 Bits



Hide 2 Bits

Hide 3 Bits

Hide 3 Bits

Storage Mode

Once your scanner has been set to Storage mode, each time you scan a barcode, it will be stored in the scanner's internal memory.

To upload all the stored barcodes, simply scan the barcode below:



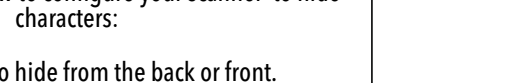
Storage Mode

Data Upload



Data Upload

If you need to clear all the stored data, you simply need to scan the barcode below:



Data Clear

Normal Mode



Normal Mode

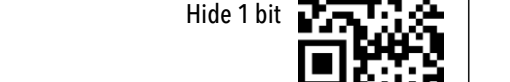
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Factory Reset Steps

If your scanner isn't working properly or was configured incorrectly, scan the QR code below using your phone. It will open a link in your web browser with step-by-step instructions for performing a factory reset based on your preferred connection method.

1. Factory reset steps when using the Dongle as your preferred connection method:



https://shorturl.at/w1S11

2. Factory reset steps when using Bluetooth as your preferred connection method:



https://shorturl.at/KleHn

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 which 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

Wireless Barcode Scanner Quick User Guide

SCANAVENGER

V10.3 (SA91)