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**

Before You Scan

Cover any nearby codes from this guide before scanning to avoid accidental reads.

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

To correctly use your barcode scanner, please read the instructions carefully. It is advisable to keep this manual for future reference. No part of this publication may be reproduced or distributed in any form without written permission from ScanAvenger.

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	1280*800
Precision	≥3mil/0.076mm (PCS90%, CODE39)
Decoding speed	65CM/S
Depth of field	70mm-750mm
Scan mode	Manual, Continuous, Auto Sense
Scan angle	Roll ≥360°, Pitch ≥60°, Skew ±55°
Print contrast	≥15%
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
Power supply	DC 5V@130mA(work)
Operating temp	0° C to 50°C
Storage temp	-30°C to 60°C
Humidity	5% to 95% (non-condensing)
Drop Height	1.8m
Certificate	CE, FCC, RoHS
IP Rating	IP65

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

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

2.4G Mode - laptop/computer

3. Scan the barcode below:

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 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 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 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 your scanner is in 2.4G Mode, and you want to revert back to the previously connected Bluetooth device, all you need to do is scan the Bluetooth Mode barcode found in step 1.

** 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 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.

Trigger Modes

There are three different trigger modes:

1. Manual Trigger

2. Continuous Mode

3. Auto sensing Mode

Sleep Time Settings

5 minutes

1 hour (default)

Sleep now

Never sleep:

Sound Settings

Low volume

High volume

Turn sound off:

Inverse Barcodes

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

To enable, scan the barcode below:

Language Settings

English (default)

French:

German:

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 (Scan the same code again to revert to normal)

2. Choose how many characters you wish to hide (Scan only one barcode)

Hide 1 bit

Hide 2 Bits

Hide 3 Bits

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

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:

Data Upload

Storage Mode

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

Data Clear

If you wish to exit Storage Mode, scan the barcode below:

Normal Mode

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

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/9rG1I

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

https://shorturl.at/RmmUP

If you need any assistance, please do not hesitate to contact us at **helpdesk@scanavenger.com**

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

V1.1 SA9300