

Quick User Guide

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

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.

Charging Tip for Long-Term Use

To keep your scanner working properly, please charge it using 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?

Check 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 State Description

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

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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

When contacting our helpdesk, please make sure you mention your order number and scanner model.

Scanner Type	CMOS
Light Source	White LED 625NM
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 ±55°
Print Contrast	≥20%
Wireless	2.4Ghz = 150meters, Bluetooth
Distance	30meters (open distance)
Storage	16Mb (over 100,000 Product codes)

Battery Capacity	380mA
Charging Time	Approx. 2 hours
Continuous	1D: ≤12H / 2D: ≤8H
Working Time	
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	5% to 95% (non-condensing)
Drop Height	1.5m
Certificates	FCC, CE, RoHS, UL, CSA, EN, IEC

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

How to connect the scanner using a USB Wireless Dongle:

1. Power the scanner by pressing the button.
2. Insert the USB Dongle into a USB port on the computer.
3. Wait 30 seconds for devices to pair automatically.

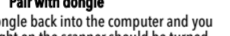
For any issues connecting the scanner to the Wireless USB Dongle please follow the below troubleshooting steps:

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



2.4G Mode - laptop/computer

3. Scan below barcode:



Pair with dongle

4. Plug the USB Dongle back into the computer and you are Done. A blue light on the scanner should be turned on indicating the 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 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:

1. Scan:



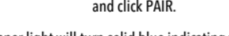
Bluetooth mode

2. Scan:

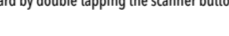


Pair with Bluetooth

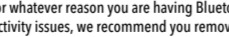
3. Scanner light will be flashing blue. This means you can connect it to your mobile device. On your mobile/tablet go to Bluetooth devices, search for "ScanAvenger HID" and click PAIR.



Sleep Interval 5 min



Sleep Interval 30 min (DEFAULT)



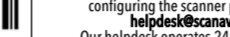
Never Sleep



Sleep Immediately

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Bluetooth mode

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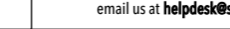
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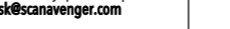
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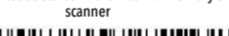
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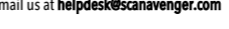
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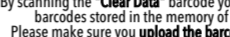
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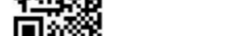
Bluetooth mode

2. Scan:



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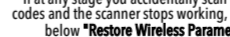
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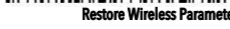
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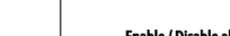
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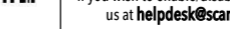
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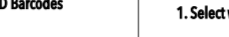
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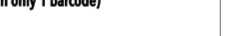
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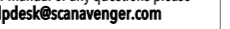
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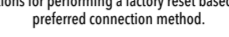
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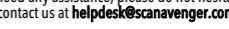
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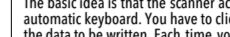
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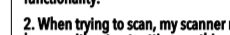
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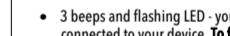
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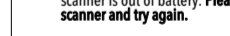


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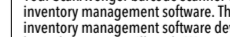
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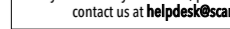
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Wireless Barcode Scanner Quick User Guide

SCANAVENGER

V1.1 (SA1200)

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 multiple 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 steps, or the factory reset steps, 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