ADESSO

Bluetooth/2.4GHz 2D Wireless Barcode Scanner

Model: NuScan 4300B

QuickGuide
English
www.adesso.com

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LIMITED WARRANTY

Adesso® provides a one year limited warranty for all of its products against defects in materials and workmanship.

During this period, Adesso® will repair or replace any product which proves to be defective. However, Adesso® will not warrant any product which has been subject to improper handling, abuse, negligence, improper installation or unauthorized repair. The warranty will not cover products installed with components not approved by Adesso® and products where the sealed assembly trace has been broken.

If you discover a defect, Adesso® will, at its option, repair or replace the product free of charge, provided you return it during the warranty period with freight charges pre-paid to Adesso®. Before returning any product, you must obtain a Return Merchandise Authorization number (RMA). This RMA # must be clearly marked on the outside of the package you are returning for warranty service. Be certain to also include your name, shipping address (no PO Boxes), telephone number, and a copy of the invoice showing proof of purchase in the package.

SUPPORT

We have listed most of our FAQ's (Frequently Asked Questions) at: http://www.adesso.com/faqs.asp. Please visit our FAQ Service & Support pages before you contact our E-mail or Telephone Support.

Email Support:
If our FAQ's do not help you resolve your issues, please email support@adesso.com

Telephone Support:
Toll Free: (800) 795-6788
9:00AM to 5:00PM PST Monday - Friday

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INTRODUCTION
The NuScan 4300B is a highly portable 2D barcode scanner designed to simplify your work and increase productivity. Offering a wide scanning range from multiple symbologies of up to 50 feet away the NuScan 4300B makes an excellent choice for delivering intuitive and fast scanning in any environment!
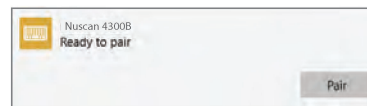
SPECIFICATION

Imager:	1280 x 800 CMOS
Light Source:	650 ± 10 nm visible red LED & White
Depth of Field:	0-12 inches (@20mil EAN-13, PC 100%)
Scan Angle:	Roll ±360°, Pitch: ±45°, Yaw: ±40°
Motion Tolerance:	120 frame per second (FPS)
Minimum Bar Width (1D):	5 mil/0.127 mm @ PCS 90%, Code 39
Minimum Bar Width (2D):	10 mil/0.254 mm @ PCS 80%, Data Matrix.
Print Contrast:	PCS 30% EAN13 @10mil
Wireless Range:	15m / 50 ft.
Communication:	Bluetooth 5.0 or 2.4G Wireless
Indicators (LED):	Red
Alert Operation:	Programmable Beeper Tone
Input Voltage:	5 ± 5% VDC
Operating Current:	130 ± 10mA (at maximum)
Battery Capacity:	Lithium Ion Battery Rated at 500mAH
Dimensions:	4.21 (L) x 1.89 (W) x 1.0 (H) in. (54 x 42 x 44 mm)
Weight:	2.96 oz. (44 grams, excluding cable)
Cable:	3'4" (1 meter)
Operating Temperature:	-20°C to 50°C (-4°F to 122°F)
Storage Temperature:	-40°C to 70°C (-40°F to 158°F)
Humidity:	5% to 95% (non-condensing)
Light Levels:	Max 70,000 lux
Shock:	Withstanding 1.5m freefall drops

REQUIREMENTS
• Connectivity interface: Windows 7 and above; Mac OSX and any iPad, iPhone, and Android OS Devices
• Interface: Bluetooth 5.0 or 2.4G Wireless

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DESCRIPTION

USB Charging Port
LED Indicator
Scan Window
Power Switch
Trigger
Detachable USB Cable

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CHARGING THE DEVICE

Charging the Battery

1. Please charge the scanner before first use, There are two charging methods, the first method as shown in figure 1 will use a computers power to charge, the LED will be red when charging and will turn off once charging is complete.

2. The second method of charging as shown in figure 2 will use a power adapter (not included) that connects to a wall outlet.

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2.4G MODE CONNECTION

Please follow below 2 steps to enable the 2.4G Mode when you are using the device at first time, then plug the receiver into your computer.

❶ **2.4G Mode Enable**

❷ **Pairing**

BLUETOOTH MODE CONNECTION

Please follow below 2 steps to enable the Bluetooth Mode when you are using the device at first time.

❶ **Bluetooth mode Enable**

❷ **Pairing**

** **Notes:** You just need to scan the 2.4G mode enable or Bluetooth mode enable barcode if you want to switch the connection mode. It is no need to scan the Pairing barcode after first connection.

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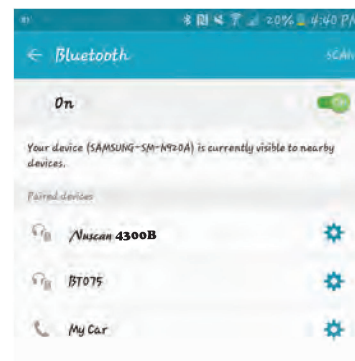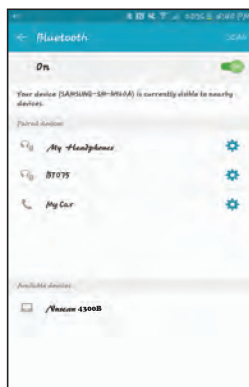
CONNECTION WITH WINDOWS DEVICE

• Go to the **Windows Start Menu** ( )

• Click on **"Seetings"** ( )

• Click on the **"Devices"** catagory ( )

• Once inside the "Devices" catagory, click on the word **Bluetooth** located on the left column (Your Windows device will automatically start search for any Bluetooth Devices in the area).
• You should see exactly what is shown below. Once you have identified the **"NuScan 4300B"**, click on the word **"Pair"**

Nuscan 4300B
Ready to pair
Pair

• Once you have clicked on the word "Pair," Windows will assign your NuScan 4300B a driver and connect to your scanner. You will see the window below if connected successfully and the LED light on the top of the NuScan 4300 will turn solid Blue.

Nuscan 4300B
Connected
Unpair

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CONNECTION WITH MAC OS DEVICE

• Go to your **Mac's Bluetooth icon** ( ) located in the top right corner of your desktop and click on it

• In the drop-down menu, click on **"Configure a Bluetooth device"** (Your Mac will automatically start searching for all devices Bluetooth in the area)

• You should see exactly what is shown below. Once you have identified the **"NuScan 4300B"**, click on the word **"Continue"**

• Once you have clicked on the word "Pair," Windows will assign your NuScan 4300B a driver and connect to your scanner. You will see the window below if connected successfully and the LED light on the top of the NuScan 4300B will turn Blue.

If the scanner does NOT connect successfully on the first attempt select **"Passcode Options"** as shown on page 9 and make sure **"Do not use a password with this machine"** is selected and select **"OK"** to try to connect once more.

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CONNECTION WITH YOUR iOS DEVICE

• Locate your iPad's or iPhone's "Settings icon" ( ) on your home screen and tap it with your finger.

• Once in your settings, click on **"Bluetooth"** in the left column. (Your iOS device will automatically start searches for any Bluetooth Devices in the area.) You should see exactly what is shown below. Once you have identified the **"NuScan 4300B"**, click the word.

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• Once you clicked the word **"NuScan 4300B,"** your iOS device will connect to your scanner. You will see the window below if successfully connected and the LED light on the top of the NuScan 4300B will turn solid Blue.

CONNECTING WITH YOUR ANDROID OS DEVICE

• Locate your Android's **"Settings icon"** ( ) on your home screen and tap on it with your finger.

• Once in your settings, click on **"Connections"** then on **"Bluetooth.** (Your Android device will automatically start searches for any Bluetooth Devices in the area)

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• You should see exactly what is shown below. Once you have identified the **"NuScan 4300B"** on the screen, tap it and you will automatically be connected. This will be confirmed shown below as the NuScan 4300B will be listed under "Paired devices" and the scanner's LED light will turn Blue.
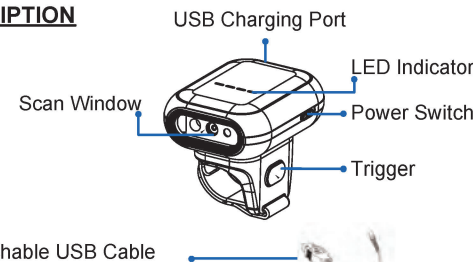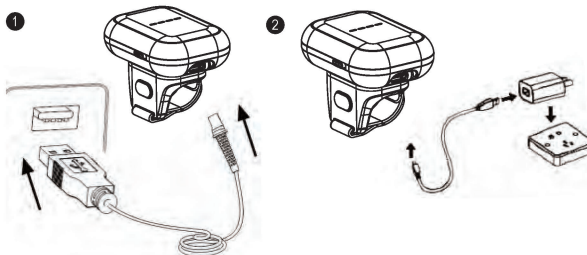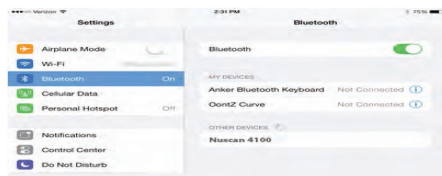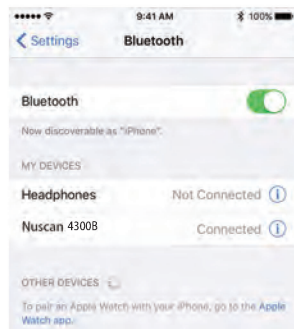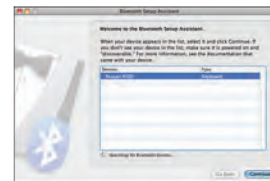

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Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.
Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

FCC Caution:
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Radiation Exposure Statement:
The device has been evaluated to meet general RF exposure requirement, The device can be used in portable exposure condition without restriction.

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