ADESSO

NuScan 4100
Bluetooth® Antimicrobial Waterproof CCD Barcode Scanner

QuickGuide
English

www.adesso.com ①

LIMITED WARRANTY

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

During this period, Adesso will repair or replace any product which proves to be defective. However, Adesso will not warranty any product which has been subject to improper freight handling, shipping abuse, neglect, 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 at no charge to you 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 ②

INTRODUCTION
The NuScan 4100 is a industrial, waterproof, antimicrobial, highly portable barcode scanner designed to simplify your job and increase productivity. Offering a wide scanning range from multiple symbologies from up to 30 ft away the NuScan 4100 makes an excellent choice for delivering intuitive and rapid scanning regardless of the environment!

SPECIFICATIONS
Light Source: 630 nm visible red LED
Microprocessor: 32 bit
Depth of Field: 0 – 12 inches (UPC/EAN 100%, PCS=90%)
Scan Angle: 42°
Scan Rate: 200 scans per second
Minimum Bar Width: 0.1 mm Code 39, PCS=90%)
Print Contrast: Min. 25% @ UPC/EAN 100%
Indicators (LED): Blue LED successful scan / Red scanning beam
Input Voltage: 4.2 VDC ±0.5V
Battery Type: Lithium Polymer Rechargeable Battery
Charge Time: 3~4 hours
Scans Per Charge: 25,000 scans when fully charged
Dimensions: 7" x 4" x 2.75" inches (178 x 100 x 70 mm)
Weight: 0.60 lb (260 g; cable excluded)
Operating Temperature: 0°C ~ 50°C (32°F ~ 122°F)
Storage Temperature: -40°C ~ 70°C (-40°F ~ 70°F)
Humidity: 5% ~ 95% RH (non-condensing)
Shock: Designed to withstand an impact force of 2000g & drops of up to 20 ft

REQUIREMENTS
• Connectivity Interface: Windows: 7 & above; Mac OSX & All iPad, iPhone, & Android OS Devices
• Interface: Bluetooth® ③

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Quick Start Guide ④

DESCRIPTION

Scan Window
LED Indicator
Trigger
Rubber Palm Grip
Handle
LED Charging Light
Charging Port
Port For USB Cable
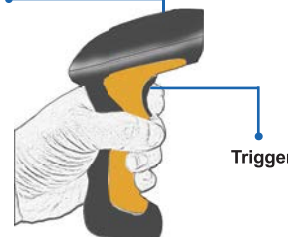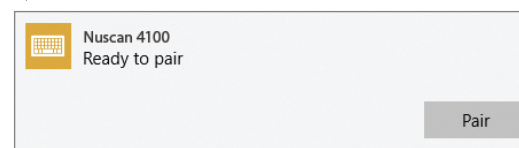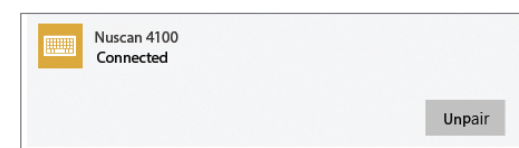Detachable USB Cable ⑤

CHARGING THE DEVICE

Charging the Battery

1. The scanner is charged via USB cable while sittiing on its charging cradle. Connect the USB cable directly into the scanner cradle.
2. Connect the other end of the USB cable to the host USB power (PC or socket) to begin charging.
3. The LED indicator will initially flash GREEN to show the scanner is on the charging cradle. The LED will turn solid GREEN when charging is completed. It takes 3~4 hours to be fully charged.

CONNECTING THE NUSCAN 4100 WITH YOUR DEVICE

1. Remove scanner from cradle and press and hold down the barcode scanner's trigger until the LED light on top of scanner flashes ORANGE and then release trigger (this can take up to 20 seconds).

Flashing BLUE Light

Trigger

2. Please proceed to the instructions that reference whatever device you are using (Windows, Mac, iOS, Andriod...) ⑥

CONNECTING WITH WINDOWS OS DEVICE

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

• Click on **"Settings"** ( )

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

• Once inside the "Devices" catagory, click the word **Bluetooth** located on the left column (Your Windows device will automatically start searching for any Bluetooth Devices in the area).

• You should see exactly what is shown below. Once you have identified the **"Nuscan 4100"**, click the word **"Pair"**

Nuscan 4100
Ready to pair

Pair
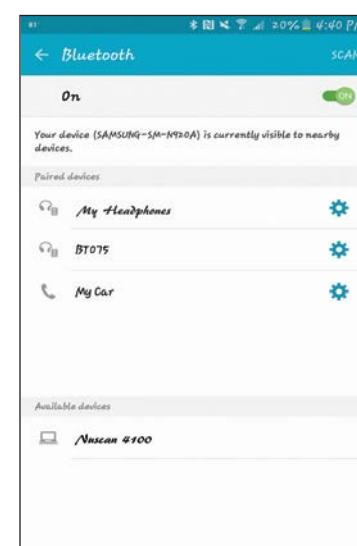
• Once you have clicked the word "Pair,"Windows will assign your Nuscan 4100 a driver and connect to your scanner. You will see the Window below if successfully connected and the LED light on the top of the Nuscan 4100 will turn solid ORANGE.

Nuscan 4100
Connected
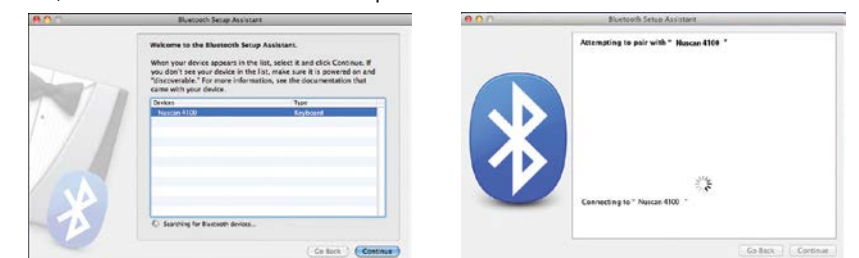
Unpair ⑦

CONNECTING WITH MAC OS DEVICE

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

• From the drop down menu, click on **"Set up Bluetooth Device"** (Your Mac will automatically start searching for any Bluetooth Devices in the area)

• You should see exactly what is shown below. Once you have identified the **"Nuscan 4100"**, click the word **"Continue"** to proceed.

• Once you have clicked the word "Pair,"Windows will assign your Nuscan 4100 a driver and connect to your scanner. If successfully connected and the LED light on the top of the Nuscan 4100 will turn solid ORANGE.

• If the scanner does NOT connect successfully on the first attempt select **"Pass-code Options"** as shown on page 9 and make sure **"Do not use a passcode with this device"** is selected and select **"OK"** to attempt the connection one more time. ⑧

CONNECTING WITH YOUR iOS DEVICE

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

• Once in your settings, click on **"Bluetooth"** in the left column. (Your iOS device will automatically start searching for any Bluetooth Devices in the area). You should see exactly what is shown below. Once you have identified the **"Nuscan 4100"**, click the word.

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• Once you have clicked the word "Nuscan 4100," 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 4100 will turn solid ORANGE

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 searching for any Bluetooth Devices in the ⑩

• You should see exactly what is shown below. Once you have identified the **"Nuscan 4100"** on the screen, tap on it and you will automatically be connected. This will be confirmed shown below as the Nuscan 4100 will be listed under "Paired Devices" and the scanner's LED light will turn solid ORANGE

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SCANNER LED DEFINITIONS

Description	LED Indicators
Good Scan Read	ORANGE LED BLINK 1 TIME
Pairing Mode	FLASHING ORANGE LED LIGHT
Paired	2 BEEPS / SOLID ORANGE LED LIGHT
Off / Sleep Mode	LED ON SCANNER OFF
Disconnected	3 BEEPS AND 3 FLASHING ORANGE LED
Low Battery	2 BEEPS / SCANNER LED FLASHES ORANGE
Scanner Charging	LED ON CRADLE SOLID GREEN
Scanner Charged	LED ON CRADLE OFF

NOTE:

For additional optional set up configurations please visit this link from our website FAQs:
http://www.http://adesso.com/faq/faq_info.php?id=14&typeid=107

If you need to make changes in the configuration of the scanner for specific applications, a full Programming Guide can be downloaded at:
http://www.adesso.com/download/user-manual/NuScan4100.pdf ⑫