



Bluetooth® and 2.4Ghz Wireless Spill Resistant Antimicrobial 2D Barcode Scanner with Charging Cradle



Model: NuScan 2500

QuickGuide
English
www.adesso.com

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

INTRODUCTION

The NuScan 2500 is a dual mode Bluetooth and 2.4Ghz Wireless, industrial, water-proof, 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 2500TB makes an excellent choice for delivering intuitive and rapid scanning regardless of the environment!

SPECIFICATIONS

Imager: 640 x 480 CMOS
Light Source: 650 nm visible red LED & White
Microprocessor: 32 bit
Depth of Field: 0 - 12 inches (UPC/EAN 100%, PCS=90%)
Scan Angle: Roll: ±360°, Pitch: ±45°, Yaw: ±40°
Motion Tolerance: 5 inches per second (IPS)
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
Indicators (LED): Blue LED successful scan / Red scanning beam
Input Voltage: 5 VDC ±0.5V
Battery Type: Lithium Polymer Rechargeable Battery
Charge Time: 5-6 hours
Cable: 6' (1.8 meters)
Dimensions: 6.75 (L) x 3.7 (W) x 2.7 (H) in. (172 x 94 x 68 mm)
Weight: 0.38 lb (174 g; Cradle 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)

REQUIREMENTS

- Connectivity Interface: Windows: 7/8/10/11 & above; Mac OSX & All iPad, iPhone, & Android OS Devices
- Interface: Bluetooth or 2.4Ghz Wireless

DESCRIPTION



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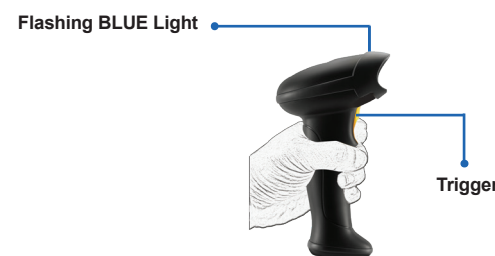
CHARGING THE DEVICE

Charging the Battery

1. The scanner is charged via USB cable while sitting on its charging 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 be initially solid **RED** to show the scanner is on the charging cradle. The LED will turn solid **GREEN** when charging is completed. It takes 5-6 hours to be fully charged.

CONNECTING THE NUSCAN 2500 WITH YOUR DEVICE

1. Remove scanner from cradle and press the barcode scanner's trigger until the LED light on top of scanner flashes **BLUE** and then release trigger (this can take up to 30 seconds).



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

Transfer Mode Selection

1. Scan below Barcode to select the transfer mode 2.4GHz or Bluetooth. The scanner is connected to the device via RF 2.4GHz with the Receiver inside the charging cradle by default.



2.4GHz Mode



Bluetooth Mode

2. Scan below barcode to re-pair with 2.4GHz or Bluetooth if necessary.



2.4GHz Pairing



Bluetooth Pairing

Re: Unplug the Receiver, scan above barcode, then insert the RF dongle within 30 seconds, the beeps will stop immediately once paired.

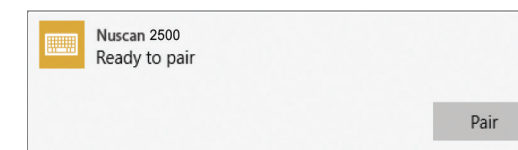
Re: make sure it is in bluetooth mode, scan above barcode, the Led on the scanner will flash BLUE, and solid BLUE once paired.

Bluetooth WINDOWS Setup

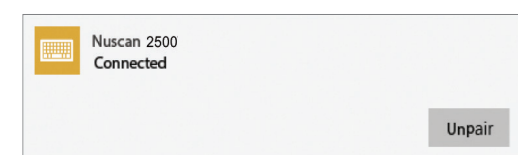
- Go to your **Windows Start Menu** (Windows logo icon)
- Click on **"Settings"** (Gear icon)
- Click the category **"Devices"** (Devices icon)
- Once inside the "Devices" category, click the word **Bluetooth** located on the left

column, click the "add bluetooth device" 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 **"Adesso Nuscan 2500"**, click the word **"Pair"**

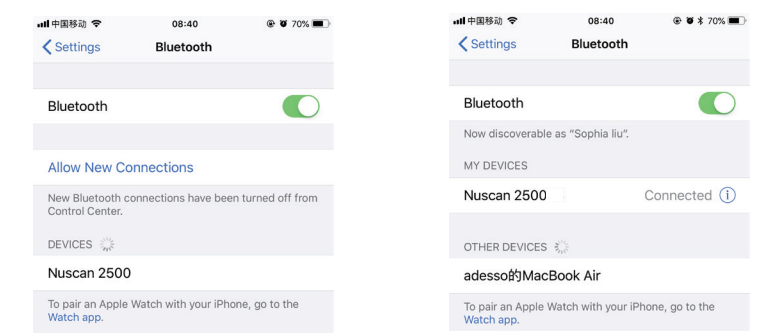


- Once you have clicked the word "Pair," Windows will assign your Nuscan 2500 a driver and connect to your scanner. You will see the Window below if successfully connected and the LED light on the top of the Nuscan 2500 will turn solid **BLUE**.



CONNECTING WITH YOUR iOS DEVICE

- Locate your iPad's or iPhone's **"Settings Icon"** (Gear 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 2500"**, click the word.



- Once you have clicked the word "Nuscan 2500" 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 2500 will turn solid **BLUE**.

CONNECTING WITH MAC OS DEVICE

- Go to your Mac's Bluetooth Icon (Bluetooth symbol) 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 2500", click the word "Continue" to proceed.
- Once you have clicked the word "Pair," Windows will assign your Nuscan 2500 a driver and connect to your scanner. If successfully connected and the LED light on the top of the Nuscan 2500 will turn solid **BLUE**.

SLEEP TIMER SETTINGS

Scan below barcodes to set different sleep timers for the scanner. By default sleep timer is set to 1 minute.



3 minutes



10 minutes



30 minutes



Never

iOS On Screen Keyboard

When the scanner is first connected to your iOS device, the on screen keyboard will disappear because the device recognizes the scanner as a keyboard input. Scan the below barcode and the on screen keyboard will reappear.



iOS On Screen Keyboard

INVENTORY MODE

Scan below barcode to enter "Inventory Mode". In inventory mode, the scanner will not display the barcodes you scan and will not output them onto your device. Instead, the scanner will store them in its built-in memory chip.



Inventory Mode

Scan below barcode to show the total count of the number of barcodes stored in inventory mode.



Total Count

Scan below barcode to upload your stored barcodes.



Upload Barcodes

Scan below barcode to erase your stored barcodes.



Clear Memory

NORMAL MODE

Scan below barcode to exit "Inventory Mode" and enter "Normal Mode". In normal mode your scanned barcodes will be uploaded into your device as your scanning.



Normal Mode

RETURN TO FACTORY DEFAULT



Factory Default:

SCANNING MODE:



Manual Trigger:



Continuous:

MESSAGE TERMINATOR:



No Terminator:



Enter/Return Carriage:



Horizontal Tab:

SCANNER LED DEFINITIONS

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