





This product contains battery, might applies to shipping constriction.

Description

The DSO Nano V3 is a pocket-size compatible 32bit digital storage oscilloscope. Based on ARM - M3, it's equipped with 320*240 color display, SD card, USB port and recharging function. It's compact, simple to operate; meets the basic demands of school lab, electric furniture repairment and electric engineering.

This is a updated and cool version of DSO Nano which features a firmware and a embedded 2 Mbyte storage chip instead of micro SD card slot. The documents of this version in detail is on this page, please refer to it.

Updates in v3

- V3 used a new firmware with user-friendly interface, easier to operate
- Upgraded firmware via virtual disk
- Added build-in 2Mbyte storage chip instead of micro SD card slot
- Black metal shell

Features

- Portable and lightweight
- Color display
- Waveform storage and playback
- 6 triggering modes
- 200Khz Analog Bandwidth
- Complete measurement markers and signal characteristics
- Built-in Signal Generator
- Accessories available
- Open Source

Specification

- Display: 2.8" color TFT LCD
- Display Resolution: 320x240 Display Colors 65K
- Analog Broadband: 0 ~ 200kHz
- Max. Sampling Rate: 1Msps 12 bit
- Sampling Storage Depth: 4096 points
- Transverse Sensitivity: 1uS/Div~10S/Div(1-2-5 stepping)
- Vertical Sensitivity: 10mv/Div~10V/Div(x1 probe) 0.5V/Div~10V/Div(x10 probe)
- Input Resistance: >500KΩ
- **Max. Input Voltage: 40Vpp(x1 probe) 400Vpp(x10 probe)**
- Coupling Mode: DC
- Triggering Mode: Auto, Normal, Single, None
- Auto Measurement: Frequency, cycle, duty, Vpp, Vram, Vavg, DC voltage; Vertical Precise Measurement Cursor; Horizontal Precise Measurement Cursor; Rising/Falling Edge Trigger;

DSO Nano v3

SKU 109990013



★★★★★

Read all 1 reviews

IN STOCK

41 Available

-

1

+

ADD TO CART

Description

Best-sellers

Technical Details

Reviews

Questions and Answers

View History

- Inbuilt Test Signal: 10Hz~1MHz(1-2-5 stepping)
- Waveform Storage: build-in 2Mbyte
- PC Connection Interface: Connection through USB
- Recharging Method: Recharging through USB interface
- Dimensions:105mm x 53mm x 8mm

Part List

- DSO Nano x1
- Metal Stand x1
- Screw x1
- Probe cable x1
- Sack x1

Documents

- [User's Manual](#)
- [Schematic Design](#)
- [Firmware](#)

Techsupport

This product is designed by Minidso,

- For technical support, please contact with them via service@minidso.com
- For user communication, please visit Minidso's [forum](#).

Note

For DSO Nano with SD card slot, it is not available now. If you get one from our distributors' stock, please click [here](#) to check the document.

Best-sellers



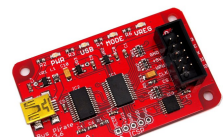
Spare Probe for DSO Nano



DSO Quad - Aluminium All...



ESP-32S Wifi Bluetooth Co...



Bus Pirate v3.6 universal s...

Technical Details

Dimensions	149mm x 101mm x 33mm
Weight	G.W 184g
Battery	Lithium Cells / Batteries contained in equipment UN3481 - PI967

Part List

DSO Nano v3	1
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Documents

- [Wiki](#)
- [DSO Nano Official Firmware App2.6](#)
- [DSO Nano Hardware v2.6 Layout.pdf](#)
- [DSO Nano Hardware v2.6 Shcematic.pdf](#)
- [BenF Firmware v3.64](#)
- [DSO_Nano_V3_User_Manual.pdf](#)

Reviews

★★★★★ Small and good

very good product

Jan 18,2017 by [Amine Amri](#) France

Was this review helpful ? 0

Questions and Answers

Have a question about this? Ask people who own it.

0

I need details about shipping, where I can get answers?

am.omnicomm on Apr 28,2017

Reply | upvote (0)

Please contact order@seeed.cc.Thanks.

ae on May 02,2017 09:17 AM

Reply | upvote (0)

a

ds on Jun 29,2017 17:00 PM

Reply | upvote (0)

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ds on Jun 29,2017 17:00 PM

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ds on Jun 29,2017 17:00 PM

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nano v3 seeed studio open hardware facilitator then flashes that all it will do

James B Mackinen on Mar 20,2017

Reply | upvote (0)

Hello, where's your question?Thanks.

ae on Apr 14,2017 16:33 PM

Reply | upvote (0)

0

Hello, I have a DSO Nano v3 (Oscilloscope Ver. 4.29) (Device Firmware Upgrade V3.30D). Where can I download the newest version of the official firmware? I am having problems with the scaling modes.

i1197145 on Nov 15,2016

Reply | upvote (0)

It is available in the following link:<http://www.minidso.com/forum.php?mod=viewthread&tid=1206&extra=page=1>

kavi on Nov 16,2016 14:53 PM

Reply | upvote (0)

0

Where should I contact If I have a problem with my unit? I connect it to a 36 volts battery pack to monitor the voltage. My mistake is that I remove the probe at the unit while the other end is still connect to the battery. I think the terminal is shorted while I remove it. After that, I notice that It cannot detect the battery voltage again but it is fine if i connect the probe to the other probe which is connected to the signal generator.

Bernard Anthony Arcaya on May 24,2017

Reply | upvote (0)

0

that useful (it does give hints though). It has a ton of features and, once you figure out how to use them, it packs a lot into a littl

Ponkabonk on Oct 19,2016

Reply |
upvote (0)

Hi there, the heat sink we not sell it yet but if you need large quantities we can buy for you.So better email to us, tell us more information what you need.

Yuri Qiu on Oct 20,2016 10:41 AM

Reply |
upvote (0)



Really great. Full metal body, good accessory: metal table stand, two probes, cover. Quality of body material and assembly such as Apple iPhone 4 or 5 models – it's really great.Current version compare with version 2 doesn't have sd slot –?Benf fir

Eugene Zabugin on Oct 19,2016

Reply |
upvote (0)

View History



Mini vibration motor



Gear (reduction) motor p...



3.6V Micro hydro generator



EMAX 9g ES08A High Sensi...

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- RF Explorer
- DSO Nano v3
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- rplidar
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- RPLIDAR A2



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