SEEED-109990029

[DSO Nano v3](#)

DSO nano is a pocket size digital storage oscilloscope fulfills basic electronic engineering requirements. It is base on ARM Cortex™-M3 compatible 32 bit platform, equipped with 320*240 color display, SD card capability, USB connection, and chargeable batteries. Weighs only 60g.

Features:

Display	2.8″ Color TFT LCD
Display Resolution	320×240
Display Color	65K
Analog bandwidth	0 - 1MHz
Max sample rate	1Msps 12Bits
Sample memory depth	4096 Point
Horizontal sensitivity	1uS/Div～10S/Div (1-2-5 Step)
Horizontal position	adjustable with indicator
Vertical sensitivity	10mV/Div～10V/Div (with ×1 probe) 0.5V/Div～100V/Div (with ×10

	probe)
Vertical position	adjustable with indicator
Input impedance	>500KΩ
Max input voltage	80Vpp (by ×1 probe)
Coupling	DC
Trig modes	Auto, Norma, Single, None and Scan
Functionalities:	Automatic measurement: frequency, cycle, duty, Vpp, Vram, Vavg and DC voltage
	Precise vertical measurement with markers
	Precise horizontal measurement with markers
	Rising/falling edge trigger
	Trig level adjustable with indicator
	Trig sensitivity adjustable with indicator
	Hold/run feature
Test signal	Built-in 10Hz～1MHz (1-2-5 Step)
Waveform storage	SD card
PC connection via USB	as SD card reader
Upgrade	by bootloader via USB
Power supply	3.7V Chargeable Lithium battery / USB
Dimension (w/o probe)	105mm X 53mm X 8mm

Package list:
- DSO nano body x 1
- 3.7v lithium battery with connector x 1
- Back plate x 1
- Mini Probe x 1
- Manual X1
- Protection bag X1