



## Features:

- iPhone/iPad/Android/Windows Oscilloscope, Multi-touch Operation.
- WIFI Communication (USB Communication), WIFI Direct Connection/ Router Connection.
- Build-in Lithium Battery with 4 hours endurance, no need of External Power. Floating Measurement is available, safe and convenient.
- 70MHz Bandwidth, Real-time Sampling Rate 250MSa/s
- Can be connected with iPad and iPhone at the same time. When operating on iPad, it can also be observed on iPhone.
- Good mechanical design. The outer case is made by the same material with iPad - Anodised aluminium. It has great heat resistance and abrasive resistance with beautiful appearance. The hardness of aluminium alloy surface is greatly improved
- Small size which is convenient for traveling.
- Software Support:IOS,Android,Win10,Win8, Win7, Windows NT ,VISTA, etc.
- More than 20 kinds of automatic measurement function, PASS/FAIL Check function, fit for engineering application.
- FFT spectrum analyzer

- Waveform averaging, afterglow, lightness control, reverse, add, subtract, multiply, divide, X-Y display.
- The waveform data can be output as EXCEL, BMP, JPG according to time and voltage.

Model	iDSO1070A
Bandwidth	70MHz
Channel	2 CH
Real-time Sampling Rate	250MSa/s (singal channel) , 125MSa/s (two channels)
Sampling Mode	Sampling, Vmax, Vrms
Average Sampling	Average waveform, times: 4, 8, 16, 32, 64, 128
Memory Depth	6K
Rise time	≤5ns
Time Base Precision	±50ppm
Time Base Range	45s/div-500s/div (1-2-4 sequences)
Input Coupling	DC, AC, GND
Input Impedance	Resistance: 1MΩ; Capacitance: 25pF
Probe Attenuation Coefficient Setting	1×, 10×, 100×, 1000
Max Input Voltage	35Vpk (DC+peak)
Waveform Interpolation	Step, Linear, Sin(x)/x
Input Sensitivity	10mV/div~5V/div
Vertical Resolution	8Bit
Vertical Displacement Range	10mV ~ 5V/div @ x1 probe; 100mV ~ 50V/div @ x10 probe;
	1V ~ 500V/div @ x100 probe; 10V ~ 5KV/div @ x1000 probe
Position Range	±4division

Low Frequency Response	≤10Hz (at input BNC)
DC Gain Accuracy	±3%
Bandwidth Limit	20MHz
Trigger Mode	Auto, normal, singal
Trigger Type	Edge, Alternative
Trigger Precision	±4division
Trigger Range	±4V
Trigger Sensitivity	0.02 division
Trigger Source	CH1, CH2, EXT
Waveform Signal Process	+, -, x, ÷, FFT, invert
Temperature	Operating: 0°C-40°C; Non-operating: -20°C-60°C
Humidity	Below 35°C, ≤90% relative humidity; 35°C-40°C, ≤60% relative humidity
Cursors Measurement	Cross, Trace, Horizontal, Vertical
Auto Measurement	Vpp, Vamp, Vmax, Vmin, Vtop, Vmid, Vbase, Vavg, Vrms, Vcrms, Preshoot, Overshoot, Frequency, Period, Rise Time, Fall Time, Positive Width, Negative Width, Duty Cycle
Volume	190mm * 100mm * 35mm
Weight	0.7KG
Accessory	2 passive probes -PP80