

USB oscilloscope ISDS205A

Features:

- 1) sleek design, compact size, USB2.0 interface, no external power source.
- 2) more suitable for notebook computer, product line maintenance, be used easily on business.
- 3) a small size (mm): 150 (L) x100 (W) x30 (H), easy to carry.
- 4) high refresh rate, high sampling rate, 48MS / s real-time sampling.
- 5) the software supports: Windows XP (SP3), Win7 (32), Win7 (64-bit).
- 6) waveform add, subtract, multiply, X-Y display.
- 7) the waveform data can be time-and voltage output to EXCEL, BMP, OSC.
- 8) FFT spectrum analysis.
- 9) a computer can connect many DSO.
- 10) secondary development library that provides an example of VC development.

Specification:

Oscilloscope:

Channels	2
Impedance	1M 25pF
Coupling	AC/DC
Vertical resolution	8Bit
Gain range	-6V ~ 6V (probe X1)-60V ~ 60V (probe X10)
Vertical accuracy	±3%
Timebase range	1ns-20s
Input Protection	Diode, 50Vpk
Autoset	Yes(10Hz to 20MHz)
Trigger Mode	Auto, Normal and Signal
Trigger Type	No, Rising edge, Falling edge, Rising edge or Falling edge
Trigger level	Yes
Trigger Source	CH1, CH2
Buffer Size	1MB/CH
Bandwidth	20MHz
Max sample	48MS/s
Vertical mode	CH1, CH2, ADD, SUB, MUL
Display Mode	X, Y-T & X-Y
measurements	Yes
Wave save	Osc(Private), Excel and Bmp

Spectrum analyzers:

Channels	2
Bandwidth	20MHz
Algorithm	FFT(18 windows), correlation, power spectrum
FFT points	8-1048576/CHN
FFT measure	Harmonic(1-7), SNR, SINAD, ENOB, THD, SFDR
Filter processing	FIR filter supports arbitrary range of frequency sampling method , and Rectangle, bartlett, triangular, cosine, hanning, bartlett_hanning, hamming, blackman, blackman_Harris, tukey, Nuttall, FlatTop, Bohman, Parzen, Lanczos, kaiser, gaussand dolph_chebyshev, window method design. IIR filter support "Butterworth", "Chebyshev I", "Chebyshev II", "Elliptic" type of filter design.