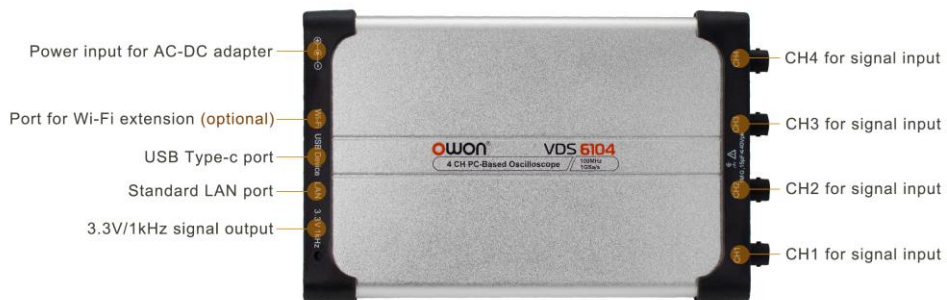


## VDS6000 Series 4CH PC Oscilloscope





- + 4 channels ultra thin design
- + 70MHz-100MHz bandwidth, and 1GS/s real-time sample rate
- + Max 10M record length, max 14 bits high resolution ADC
- + SCPI、LABVIEW supported
- + Support the secondary development of windows / Linux / Android / ios platform
- + USB typ-c power supply, faster data transmission, support 5-15v wide voltage power supply
- + Wi-Fi unlimited transmission, more convenient to use. (Wi-Fi accessories are required)
- + Support software for Windows and Mac OS

### Ports design



When using Wi-Fi, you can use 5V/2A output mobile power to enjoy the joy of wireless collection.

## + Performance Specifications

Model	VDS6074	VDS6104	VDS6074A	VDS6104A
Bandwidth	70MHz	100MHz	70MHz	100MHz
Channel	4 channels			
Sample Rate	1GSa/s			
Horizontal Scale (s/div)	1ns/div ~ 100s/div, step by 1 ~ 2 ~ 5			
Sampling mode	General sampling, peak detection, average			
Record Length	10M			
Input Coupling	DC, AC, GND			
Input Impedance	1MΩ±2%, in parallel with 15pF±5pF			
Time base accuracy	±25ppm			
Vertical Sensitivity	2mV/div ~ 5V/div			
Vertical Resolution (A/D)	8bits		8bits/12bits/14bits	
Max Input Voltage	40V Peak value (DC + AC Peak value)			
Bandwidth limitation	20 MHz, full bandwidth			
Probe Attenuation Factor	1X, 10X, 100X, 1000X			
Isolation between channels	50Hz: 100 : 1, 10MHz: 40 : 1			
Interpolation	Sin(x)/x			
Single Bandwidth	full bandwidth			
Low frequency response (AC coupling, - 3dB)	≥5Hz (in BNC )			
DC Gain Accuracy	±3%		±2%	
Trigger Type	Edge, Pulse, Video, Slope,			
Line / Field Frequency (video)	NTSC, PAL, and SECAM standard			
Trigger Mode	Auto, Normal, and Single			
Cursor Measurement	ΔV, and ΔT between cursors			
Automatic Measurement	Vpp, Vmax, Vmin, Vtop, Vbase, Vamp, Vavg, Vrms, Overshoot, Preshoot, Freq, Period, Rise Time, Fall Time, Delay A→B  , Delay A→B  , +Width, -Width, +Duty, -Duty			
Lissajous Figure	Bandwidth	full bandwidth		
	Phase Difference	±3 degrees		
Communication Interface	USB Device (Typ-c); USB Host ; LAN, Wi-Fi(optional)			
frequency counter	support			
Dimensions (W × H × D)	190mm×120mm×18mm			
Device Weight	About 0.45kg			

Specifications subject to change without prior notice.



Probe



Probe Adjust



USB Cable



CD Rom



Wi-Fi Modular(optional)



Adapter



Power Cord



Quick Guide

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