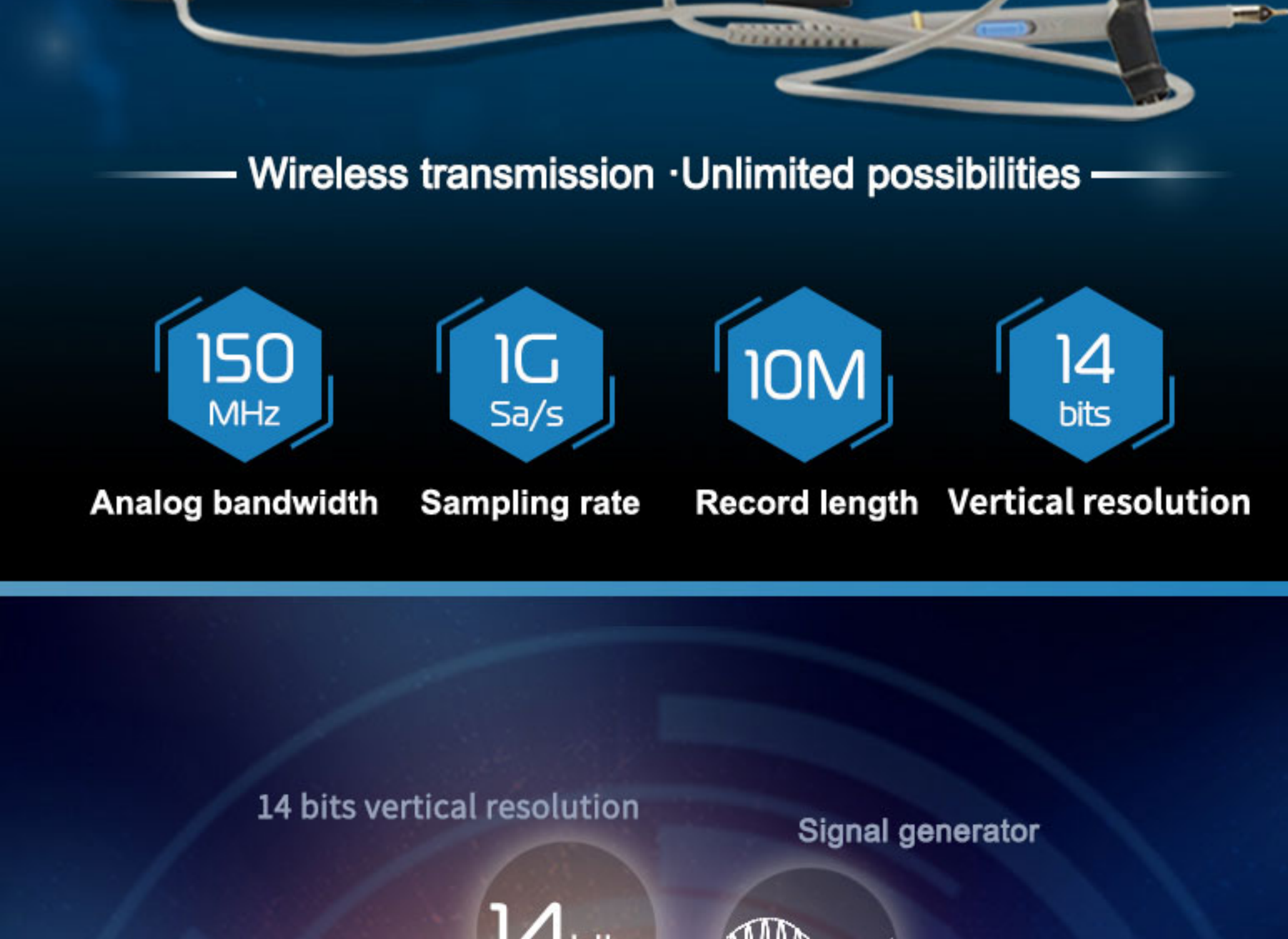


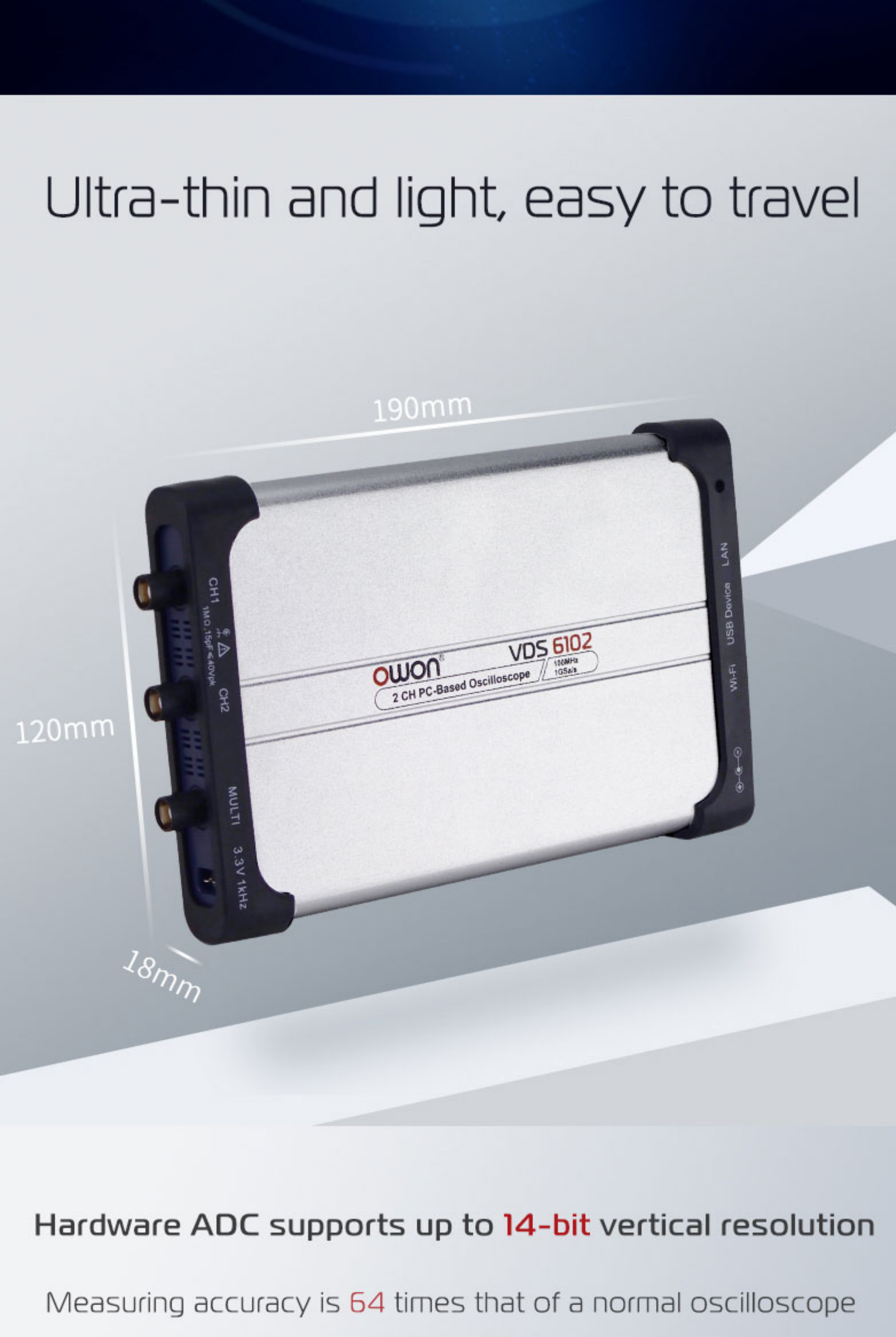
PC Virtual Oscilloscopes

VDS6000 Series

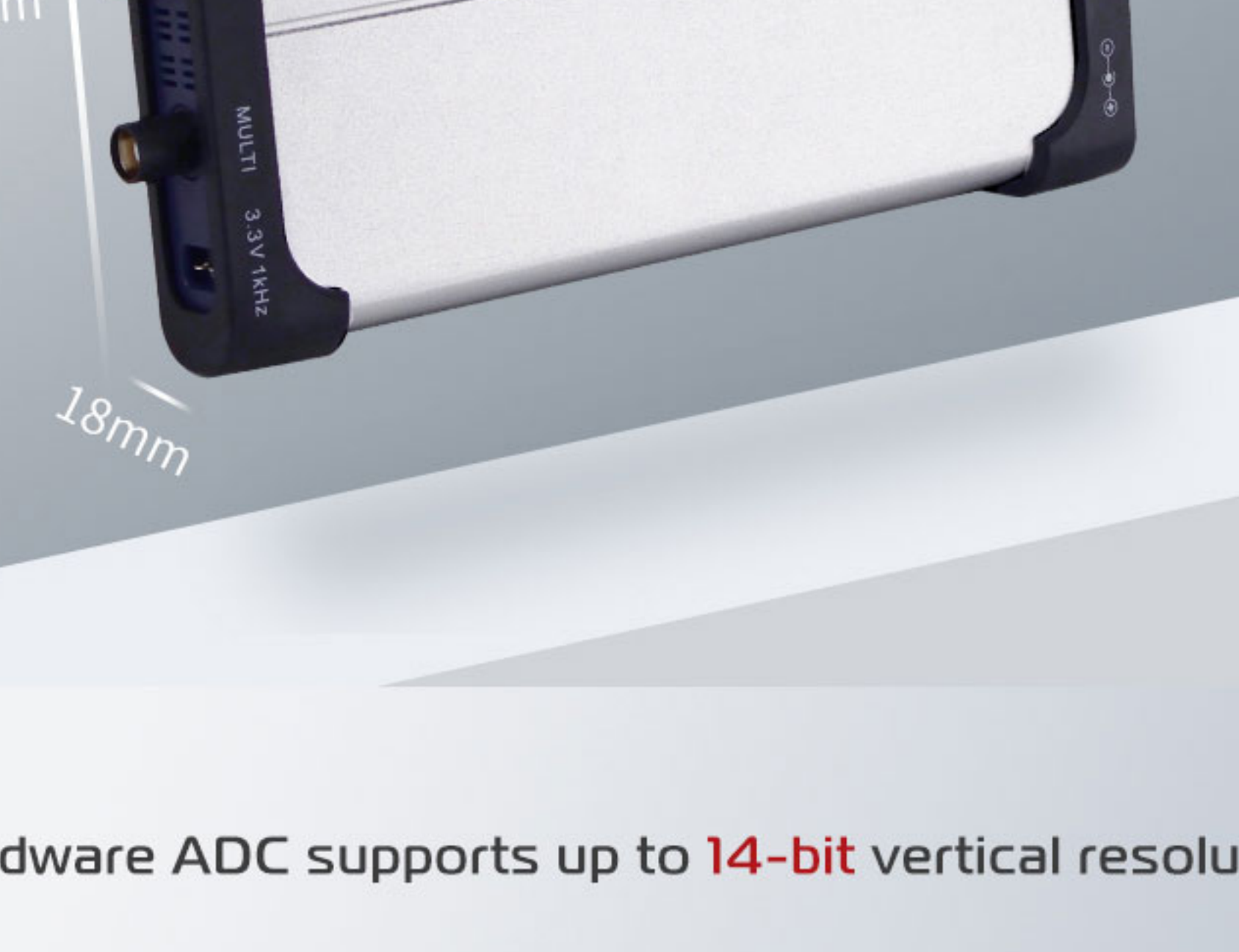


— Wireless transmission · Unlimited possibilities —

- 150 MHz** Analog bandwidth
- 1G Sa/s** Sampling rate
- 10M** Record length
- 14 bits** Vertical resolution



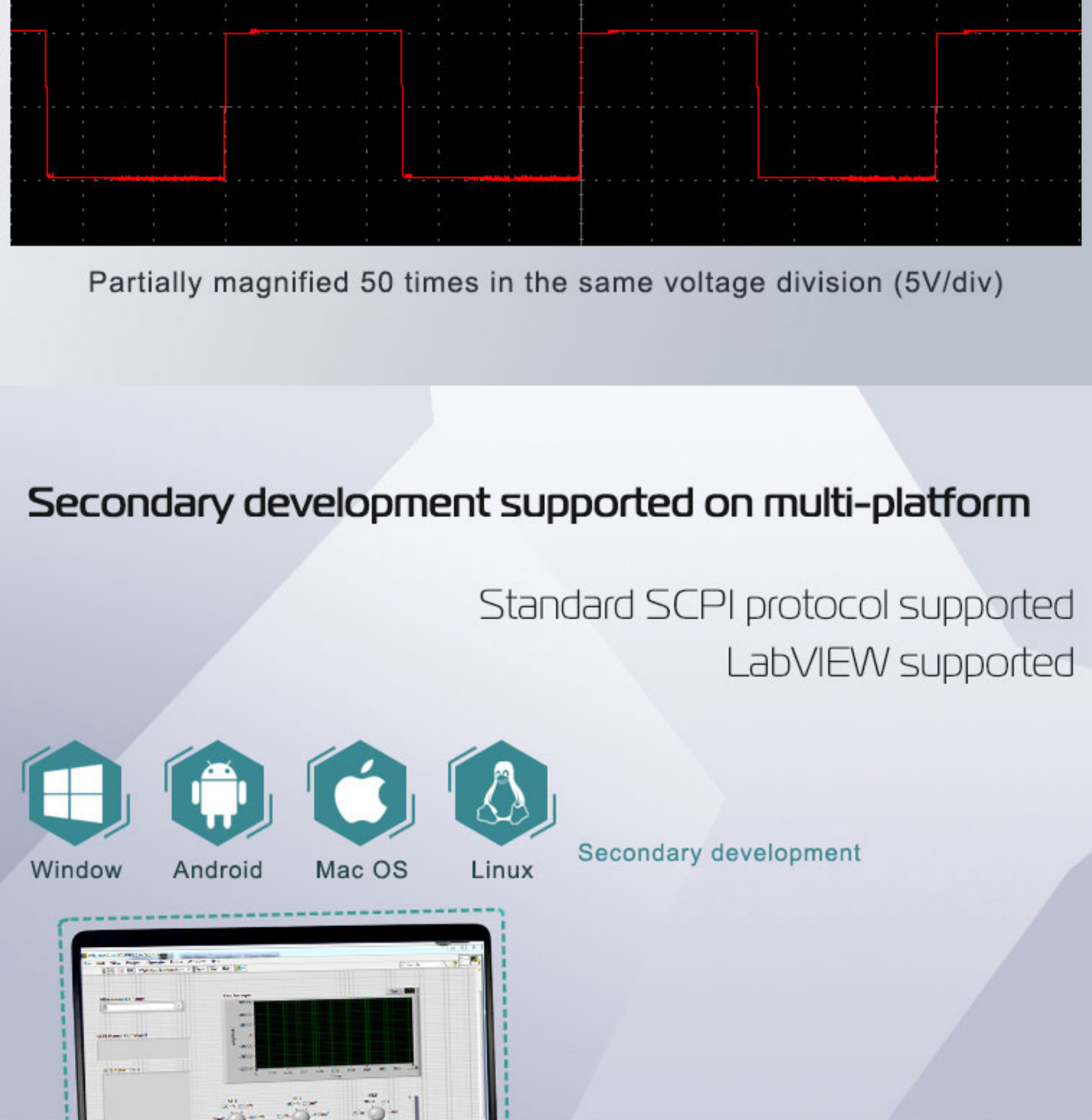
Ultra-thin and light, easy to travel



Hardware ADC supports up to 14-bit vertical resolution

Measuring accuracy is 64 times that of a normal oscilloscope

8-bit Completely different details **14-bit** Clearly visible after waveform expansion, accurate measurement.



Partially magnified 50 times in the same voltage division (5V/div)

Secondary development supported on multi-platform

Standard SCPI protocol supported
LabVIEW supported

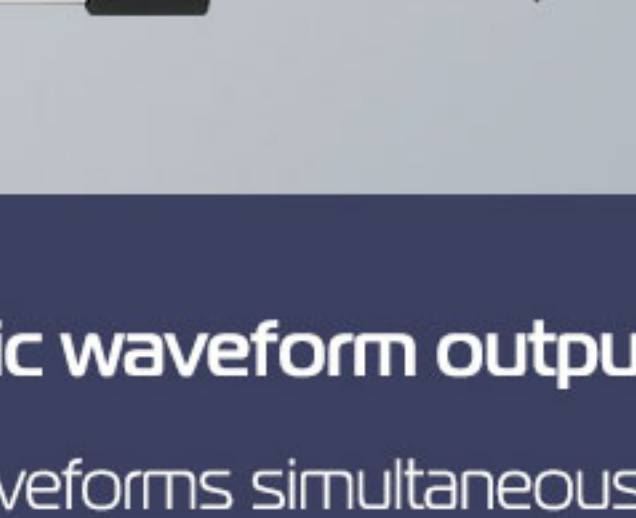


Secondary development



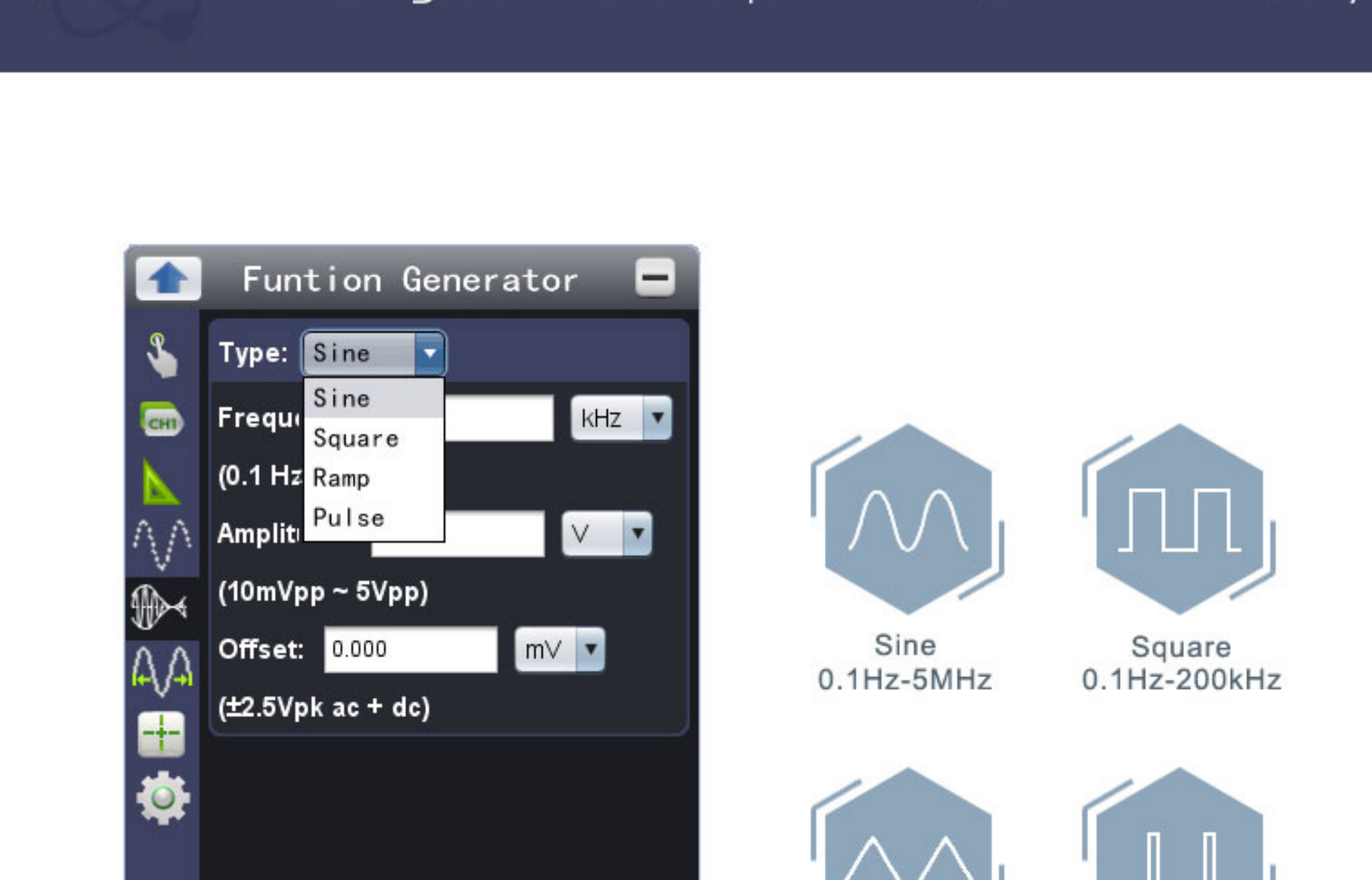
USB Type-c port

Type-C port
Powering and transmitting data at the same time
Communicate with PC; supply power by PC USB without the adapter



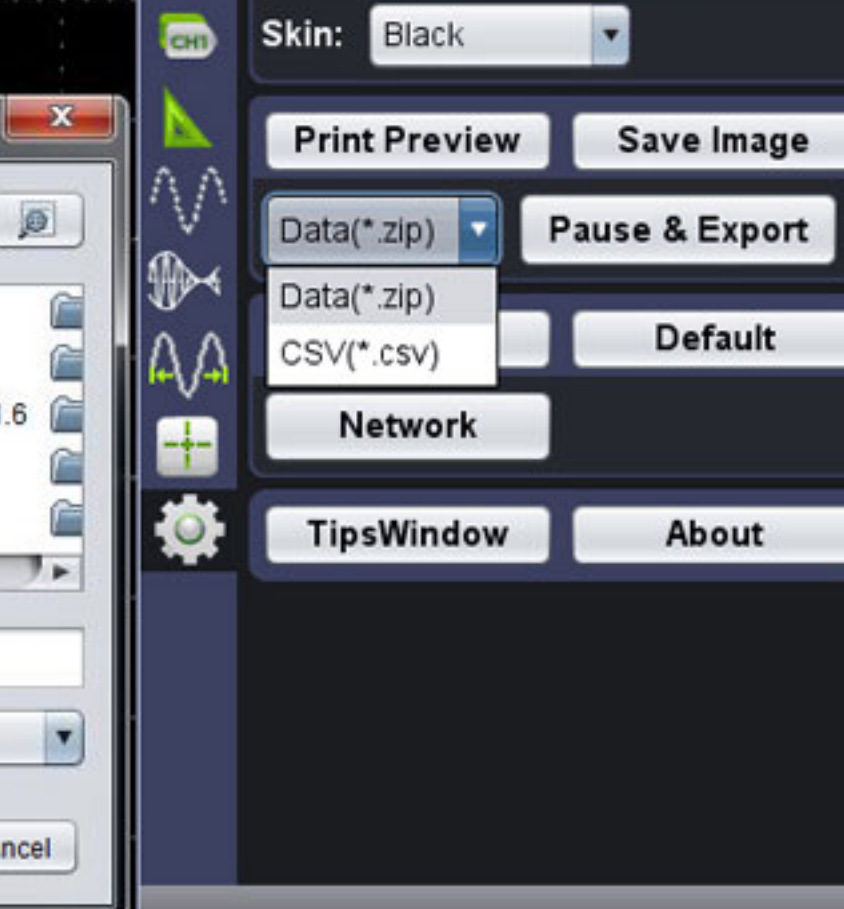
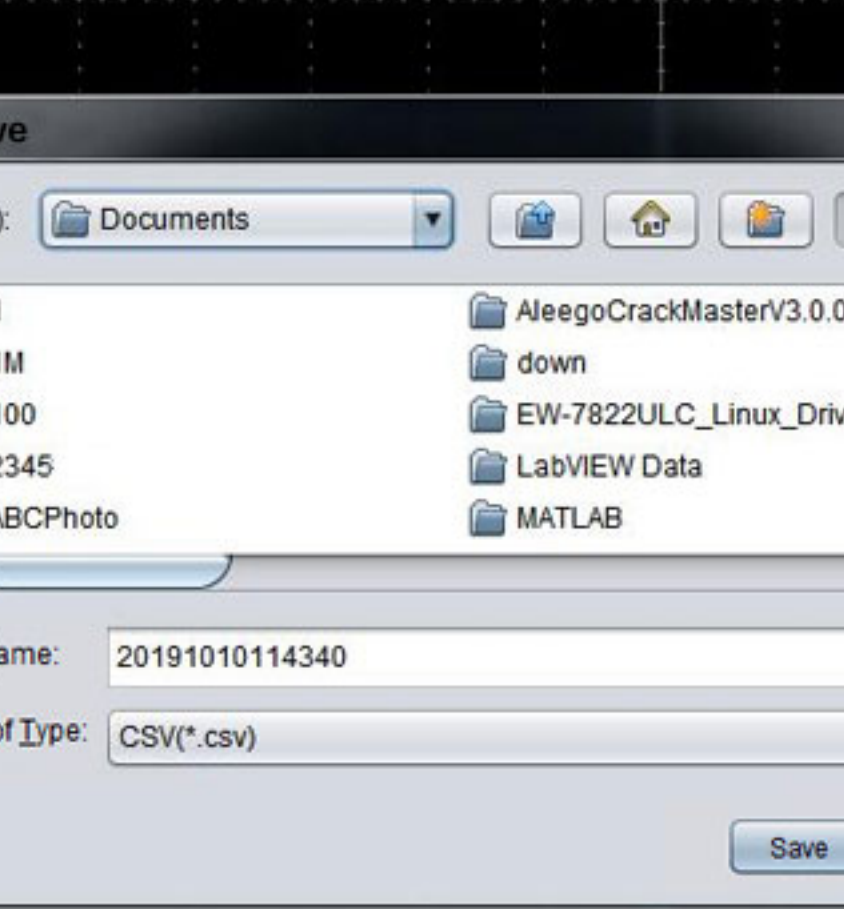
When using Wi-Fi, you can use 5V/2A output mobile power to enjoy the joy of wireless collection.

Ports design

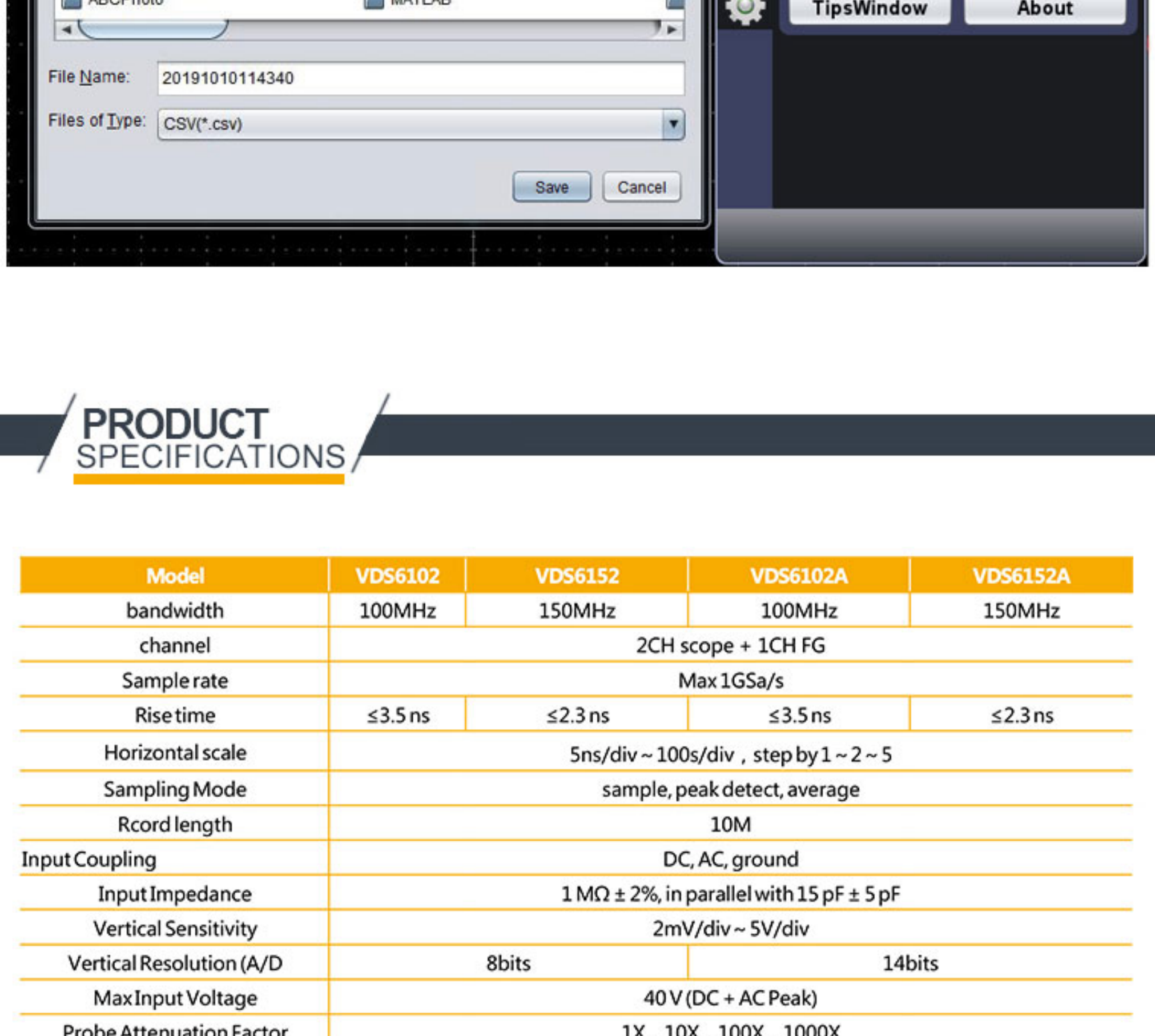


5MHz signal generator provides basic waveform output

One instrument can generate and acquire waveforms simultaneously



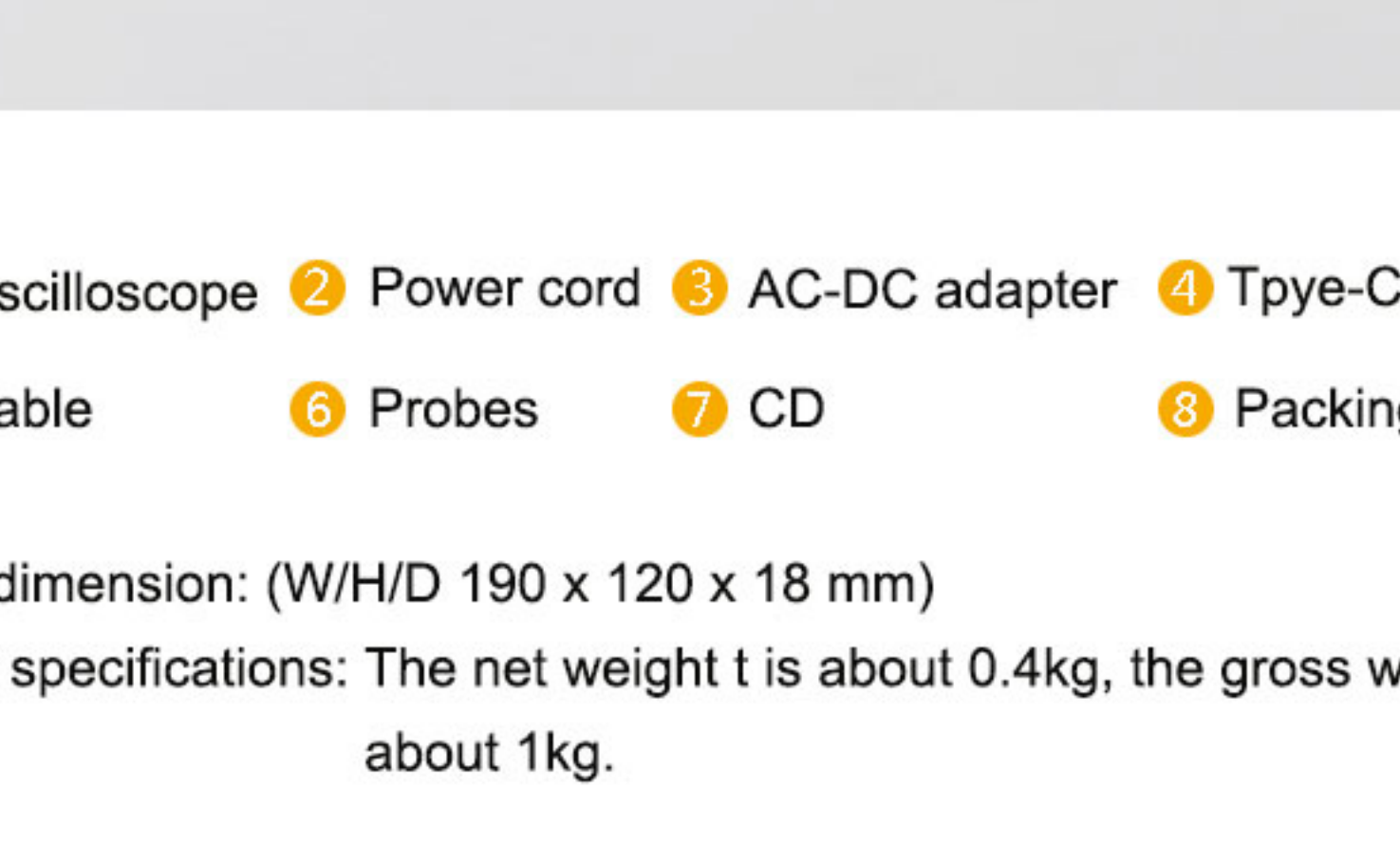
PC software can save waveforms for easy viewing



PRODUCT SPECIFICATIONS

Model	VDS6102	VDS6152	VDS6102A	VDS6152A
bandwidth	100MHz	150MHz	100MHz	150MHz
channel	2CH scope + 1CH FG			
Samplerate	Max 1GSa/s			
Rise time	≤3.5 ns	≤2.3 ns	≤3.5 ns	≤2.3 ns
Horizontal scale	5ns/div~100s/div , step by 1~2~5			
Sampling Mode	sample, peak detect, average			
Record length	10M			
Input Coupling	DC, AC, ground			
Input Impedance	1 MΩ ± 2%, in parallel with 15 pF ± 5 pF			
Vertical Sensitivity	2mV/div ~ 5V/div			
Vertical Resolution (A/D)	8bits			14bits
Max Input Voltage	40V (DC + AC Peak)			
Probe Attenuation Factor	1X , 10X , 100X , 1000X			
Channel isolation	50Hz: 100:1 , 10MHz: 40:1			
Interpolation	Sin(x)/x			
Vertical Range	±2V (2mV/div~50mV/div) ; ±20V (100mV/div~500mV/div) ; ±40V (1V/div~5V/div)			
LF Respond (AC, -3dB)	≥5Hz (at input, AC coupling, -3dB)			
Trigger Type	edge, video, slope, pulse			
Line/Field Frequency (video)	supported standards: NTSC, PAL and SECAM broadcast systems			
Trigger Mode	auto, normal, single			
Lissajous Figure	Bandwidth	full bandwidth		
	Phase Difference	±3 degrees		
Automatic Measurement	Vpp, Vmax, Vmin, Vtop, Vbase, Vamp, Vavg, Overshoot, Preshoot, Freq, Period, Rise Time, Fall Time, Delay A-B, Delay A-B, +Width, -Width, +Duty, -Duty			
Communication Interface	USB (Typ-c) ; LAN, WIFI (optional)			
Power Consumption	≤8W			
Dimensions (W × H × D)	190mm × 120mm × 18mm			
Device Weight	≈0.38 kg			

PRODUCT ACCESSORIES



- 1 PC oscilloscope
- 2 Power cord
- 3 AC-DC adapter
- 4 Type-C cable
- 5 Q9 cable
- 6 Probes
- 7 CD
- 8 Packing box

Device dimension: (W/H/D) 190 x 120 x 18 mm

Product specifications: The net weight t is about 0.4kg, the gross weight is about 1kg.