VDS3104 - Features and Benefits

- Up to 100MHz bandwidth with 4 Channels
- Real-time sample rate max to 1GS/s
- Record length up to 10M
- Friendly UI : FFT or X-Y and waveform display on the same screen
- Multi-trigger option : edge, video, slope, pulse, and alternate
- USB isolation - less signal inference, more PC protenction
- USB bus powering, and LAN remote control (optional)
- Ultra-thin body design, easy portability

CE

Delivery Detail: 1 week
Payment Terms: T/T,Western Union

Specifications		
	Bandwidth	100MHz
	Channel	4+1 (multi)
	Sample Rate	1GSa/s
	Horizontal Scale (s/div)	2ns/div~100s/div, step by 1~2~5
	Rise Time	≤3.5 ns
	Record Length	10M
	Input Coupling	DC AC GND
	Input Impedance	1MΩ±2%,in parallel with10pF±5pF
	Channels Isolation	50Hz : 100 : 1, 10MHz : 40 : 1
	Max Input Voltage	40V (PK - PK) (DC+AC, PK - PK)
	DC Gain Accuracy	±3%
	DC Accuracy	Average≥16: ±(3% reading + 0.05div) for ΔT
	Probe Attenuation Factor	1X, 10X, 100X, 1000X
	LF Respond (AC, -3dB)	≥5Hz (at input, AC coupling, -3dB)
	Sampling Rate / Relay Time Accuracy	150ps
	Interpolation	sin(x) / x
	Interval(ΔT) Accuracy(full bandwidth)	Single: ± (1 interval time +100ppm × reading+0.6ns), Average >16: ±(1 interval time+ 100ppm×reading+0.4ns)
	Vertical Resolution (A/D)	8 bits resolution (2 channels simultaneously)
	Vertical Sensitivity	5mV/div~5V/div
	Trigger Type	Edge, Pulse, Video, Slope, Alternate
	Trigger Mode	Auto, Normal, Single
	Trigger Level	±5 divisions from screen center
	Acquisition Mode	Sample, Peak Detect, and Average
	Line / Field Frequency (video)	NTSC, PAL, and SECAM standard
	Cursor Measurement	delta V, and delta T between cursors
	Automatic Measurement	Vpp, Vavg, Vrms, Freq, Period, Vmax, Vmin, Vtop, Vbase, Overshoot, Preshoot,Rise Time, Fall Time, Delay A→B↑, Delay A→B↓, +Width, -Width, +Duty, -Duty
	Waveform Math	+, -, ×, ÷, FFT
	Lissajou's Figure	Bandwidth:full bandwidth; Phase Difference:±3 degrees
	Communication Interface	USB 2.0, LAN (optional)
	Multi-function Interface	Signal Type:sync input / output, Pass / Fail,external trigger input; Level Standard:TTL
	Dimensions (W * H * D)	190mm * 120mm * 18mm
	Weight (without package)	About 0.30 kg