

Feature

- 60MHz-200MHz Bandwidth with 2 Channels
- 1GS/s sample rate, and 6000 Counts DMM with analog bargraph.
- 1M Memory Depth, High Refresh Rate (2500 frames)
- Large 5.6 inch TFT Color LCD Display, High Resolution (640*480)
- Built-in multi-language Support
- Pass-Fail function compares a stored waveform to an unknown input
- USB 2.0 Host/Device interface, support removable disk, LAN Optional
- Built in Video Help and 4G SD flash memory within DSO1000BV Series.

Specifications

Model		DSO1202B DSO1202BV	DSO1102B DSO1102BV	DSO1062B DSO1062BV
Horizontal	Bandwidth	200MHz	100MHz	60MHz
	Real-time Sample Rate	1GSa/s		
	Equivalent Sample Rate	25GSa/s		
	Rise Time at BNC	≤1.7ns	≤3.5ns	≤5.8ns
Vertical	Time/div Range	2ns/div-2000s/div	4ns/div-2000s/div	
	A/D Converter	8-bit resolution		
	Volts/div Range	2mV/div ~ 5V/div at input BNC		
	Position Range	±50V(5V/div); ±40V(2V/div ~ 500mV/div); ±2V(200mV/div ~ 50mV/div); ±400mV(20mV/div ~ 2mV/div)		
Trigger	Record Length (Sample Points)	Single-channel: Maximum 1M; Dual-channel: Maximum 512K		
	DC Gain Accuracy	±4% for Sample or Average acquisition mode, 5mV/div to 2mV/div ±3% for Sample or Average acquisition mode, 5V/div to 10mV/div		
	Trigger Sensitivity (Edge Trigger Type)	DC: 1div from DC to 10MHz, 1.5div from 10MHz to 100MHz, 2div from 100MHz to 200MHz; AC: Attenuates signals below 10Hz; HF Reject: Attenuates signals above 80kHz; LF Reject: The same as DC coupling limit when frequency above 150kHz; Attenuates signals when below 150kHz.		
	Trigger Level Range	CH1, CH2: ±8 divisions from center of screen		
Measurement	Hold off Range	100ns-10s		
	Trigger Level Accuracy (typical)	CH1, CH2: ±(0.3div×V/div) (within ±4 divisions from center of screen)		
	Edge Trigger	Trigger on the rising or falling edge		
	Video Trigger	Trigger on an NTSC, PAL, or SECAM standard video signal		
Input	Slope Trigger	Line Range: 1-525 (NTSC), 1-625 (PAL/SECAM)		
	Overtime Trigger	Trigger (when >, <, =, ≠) on a positive or negative slope Set Time: 20ns-10s		
	Alternate Trigger	From the rising or falling edge Set Time: 20ns-10s		
	Cursors	Internal trigger on edge, pulse width, video or slope Manual: The difference between voltage cursors ΔV ; The difference between time cursors ΔT ; Reciprocal of ΔT in Hertz ($1/\Delta T$).		
Meter mode	Automatic	Tracing: The voltage and time at a waveform point. Frequency, Period, Mean, Pk-Pk, Cycle RMS, Minimum, Maximum, Rise time, Fall Time, +Pulse Width, -Pulse Width, Delay1-2Rise, Delay1-2Fall, +Duty, -Duty, Vbase, Vtop, Vmid, Vamp, Overshoot, Preshoot, Preiod Mean, Preiod RMS, FOVShoot, RPRESshoot, BWIDTH, FRF, FFR, LRR, LRF, LFR, LFF		
	Input Coupling	DC, AC or GND		
	Input Impedance, DC coupled	1MΩ±2% for 20pF±3 pF		
	Probe Attenuation	1X, 10X, 100X, 1000X		
General Feature	Supported Probe Attenuation Factor	CAT I and CAT II: Installation type: 300VRMS(10×); CAT III: 150VRMS(1×)		
	Max. Input Voltage	6,000 Counts		
	Max. Resolution	Voltage, Current, Resistance, Capacitance, Diode & Continuity		
	DMM Testing Modes	AC: 10A, DC: 10A		
General Feature	Max. Input Current	10 MΩ		
	Input Impedance	5.6 inch 16-digit color LCD; 640*480 dots; adjustable (16 gears) with the progress bar		
	Display	USB host and USB slave, LAN Optional		
	Interface	DC Input: 12-17VDC, 1500mA		
General Feature	Voltage	245 x 163 x 52 (mm) ; 1.3kg		
	Size & Weight			