



GPS

1104D



Figure 1 Model shown GPS-1104D

The new tablet touchscreen oscilloscope offers a modern user experience by combining a fully responsive touch capacitive display with all the features required for precise measurements.

The GPS-1104D smart oscilloscope adopts the latest tablet interactive experience, mixing full touch operation with the more hands-on user interface to allow simple integration into any field of work. There is no need for a traditional benchtop instrument with its large capacity lithium battery, allowing the user full portability. Tap, swipe and drag are basic gestures with one finger. Use two fingers and drag for fine tuning. For zooming in on waveforms, use three fingers. Capturing and studying signals is now under the complete control and guidance of the user.

Key Features

- 100MHz bandwidth, 1GSa/s sample rate
- 28Mpts sample memory depth
- 4 channels
- 8-inch fully capacitive multitouch interface
- 256-level intensity grading and colour temperature display
- 8GB flash memory with unique file management system
- Video recording function
- Ethernet and Wi-Fi network access
- Remote control using iOS and Android App

Ideal for

- Educational centres
- Network maintenance
- Electronic maintenance
- Research and development
- Hi-tech electronics lab
- Industrial maintenance

Technical Specifications

Model	GPS-1104D
Bandwidth	100 MHz
Input channel	4
Rise time	<3.5ns
Real time sampling rate	1 GSa/s
Memory depth	28 Mpts
Maximum capture rate	80,000 wfms/s
Interface	Wi-Fi (optional), LAN, HDMI (optional), USB Host, USB Device, DC Power, Aux out
Bandwidth limitation	20MHz high pass, low pass
Built-in storage capacity	8GB
Display	8 inches TFT LCD, 800x600 pixels display resolution. 14x10 display range
Vertical system	1mV/div to 10V/div - 8 bits DC, AC, GND
Horizontal system	2ns/div to 1Ks/div, accuracy: ±20ppm
Trigger mode	Normal, Auto and Single
Auto measurements / Math	31 auto-measurement parameters / add, subtract, multiply, divide and FFT
Trigger type	Edge, Pulse width, Logic, Video, Runt, Time out, Slope, Nth edge

Standard Accessories

300 MHz passive probes (1:1 / 10:1) (4 pcs)
 Quick start guide
 Power adaptor
 Rechargeable battery
 BNC cable

Power

100 to 240 V AV, 50/60Hz, <60W

Battery

7,500 mAh Li-ion battery

Languages

English, German, Russian

General Specifications

Part Numbers / Optional Accessories		
Code	Item	Part Number
GPS-1104D	Smart tablet oscilloscope, 100 MHz, 4 analogue channels	182401
<i>Range of probes available - please contact for more details</i>		

Dimensions

280 x 180 x 50mm / 11 x 7 x 2" (w x d x h) approx.

Mass

1.7kg/3.7lbs approx.

Operating

0°C~40°C
 85%RH, 40°C
 ≤3000m

Services

1-year warranty (subject to product registration with GPS Ltd)

Visit www.gpslimited.com/register-product
 Service and calibration available.

Please contact for more information

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