2CH Wlan Digital Storage Oscilloscope

Component : WFS210

Free App available

ANDROID APP ON Google play

Available on the App Store

The Velleman WFS210 is the world's first wlan dual channel digital storage oscilloscope geared towards tablet computers. The WFS210 is a compact, portable battery powered fully featured two channel oscilloscope.

Instead of a built-in screen it uses your tablet (iOS, Android™ or PC (Windows)) to display the measurements. Data exchange between the tablet and the oscilloscope is via wlan, there are no cables. Due to the wireless principle, the oscilloscope and the 'screen' do not need to be at the same location.

WLAN Wireless ethernet

USB

up to 10MHz (-3dB at selected ranges) — **Bandwidth**

hold function

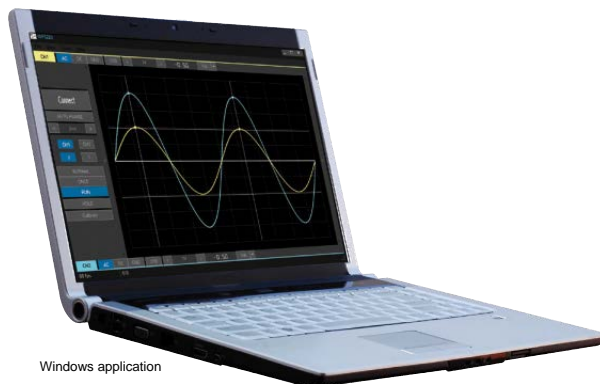readouts: DC, AC+DC, True RMS, dBm, Vpp, Vmin, Vmax.

AUTO Full Auto set-Up option

Signal markers

Features

- Two independent channels
- High sensitivity: up to 0.2mV
- Probe x1/x10 function
- DVM readouts
- Fully documented protocol
- Li-ion rechargeable battery included

Android™ application

iOS application

Windows application

Minimum system requirements

- iOS
- Android™ 4.0
- Windows XP operating system or higher
- Tablet or PC

Specifications

- Input range: 5mV to 20V/div (12 steps)
- Timebase: 1μs to 1s/div
- Max. 30Vpp input
- Real time sample rate: 2 x 10MS/s
- Input impedance: 1Mohm
- Input coupling: AC+DC, AC and GND
- Bandwith: 2 x 10MHz
- AD resolution: 8 bit
- Sample buffer: 4K/channel
- Consumption (battery): 160mA (max.)
- Battery: Li-ion 3.7V 1800mAh
- USB charge current: 5V/500mA
- Max. weight: 180g (0,39lb)
- Dimensions: 100 x 100 x 35mm / 3.9 x 3.9 x 1.4"