2CH Wlan Digital Storage Oscilloscope

Component: WFS210

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.

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

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"

Minimum system requirements
- IOS
- Android™ 4.0
- Windows XP operating system or higher
- Tablet or PC

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