

# AEROSCOPE

## Model 100A



## Specifications

### Basic

- Sample Rate: 100 MSPS
- Analog Bandwidth: 20 MHz
- Input Impedance:  $1\text{M}\Omega \parallel 17\text{ pF}$
- Voltage Resolution: 100 mV/div - 10 V/div
- Measurable Input Range:  $\pm 40\text{V}$
- Sample Resolution: 8 bits
- DC Accuracy:  $\pm 3\%$
- Analog Offset Range:  $\pm 40\text{V}$
- Analog Offset Accuracy:  $\pm 1\%$

### Misc

- Input Coupling: AC and DC
- Input Connector: SMA
- Memory Depth: 4k samples
- Channels: 1
- Battery Size: 950 mAh
- Battery Life: All day Use (8+ hours)
- Operating Temperature:  $0^\circ\text{C} - 40^\circ\text{C}$
- Temperature for Stated Accuracy:  $10^\circ\text{C} - 30^\circ\text{C}$

### App

- Wireless Protocol: Bluetooth LE (BT 4.0)
- Wireless Range: 100+ ft / 30+ m
- Touch gestures for quick setting changes
- Compatible with iPad and iPhone
- (Windows and Android coming soon)
- Open Source Protocol