



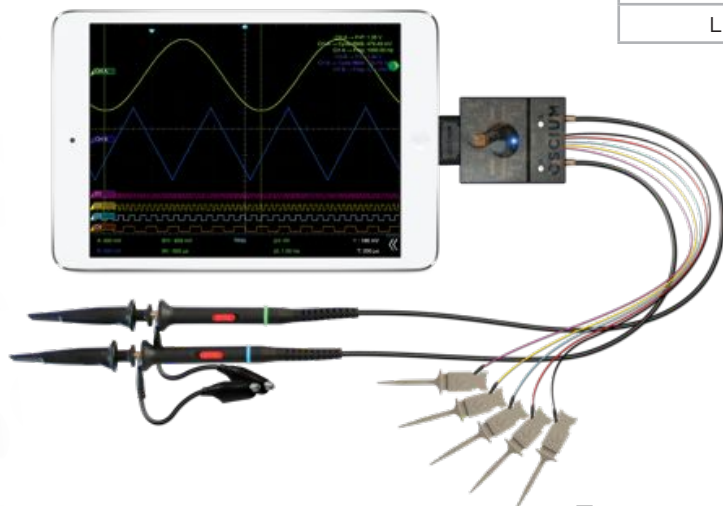
OSCNUM

Portable Oscilloscope

50 MSPS (5 MHz)

2 Analog + 4 Digital

FFT, Advanced Math



iMSO-204 iMSO-204L

Display	9.7" (iPad) 7.9" (iPad mini) 4.0" or 3.5" (iPhone, iPod)
Resolution	2048x1536 (iPad, iPad mini retina) 1024x768 (iPad mini) 1136x640 (iPod, iPhone)
Analog	2 Channel, 8 bit
Analog Probe	1x & 10x selectable, removable with SMB
Digital	4
Digital Probe	4 bits, 1 Gnd, 0.100" connectors with removable SMD Grabbers
Analog Bandwidth	5MHz
Max Sample Rate	50MSPS
Sample Depth	1000pts
Horizontal Sensitivity	200ns/div-10s/div
Connector	30-pin (iMSO-204) Lightning (iMSO-204L)
Trigger Position & Vertical Position	Adjustable
Vertical Sensitivity	50mV/div to 2v/div (1x) 500mV/div to 20v/div (10x)
iOS App	iMSO2 (OS 5.0 or newer)
Max Digital Input Voltage	-0.5v to +7v
Max Analog Input Voltage	-8v to +13v (1x) -40v to +40v (10x)
Coupling	AC or DC
Trigger Modes	Auto/Normal/Single/Stop
Trigger Types	Analog, Digital (A, A&B, A B, A B)
Features	Screen capture and email Demo mode (Analog only) Horizontal/Vertical Cursor Measurements Reference Capture Delay (always on) / Holdoff ~99.99s max FFT, DataLogging, Advanced Math
Live Measurements	6

Measurement Types

Frequency, Period, Peak to Peak
Min, Max, Mean, RMS
Positive Duty Cycle
Negative Duty Cycle
Postive Pulse Width
Negative Pulse Width
Cycle Mean, Cycle RMS
Rise Time, Fall Time



For more information contact support@oscium.com