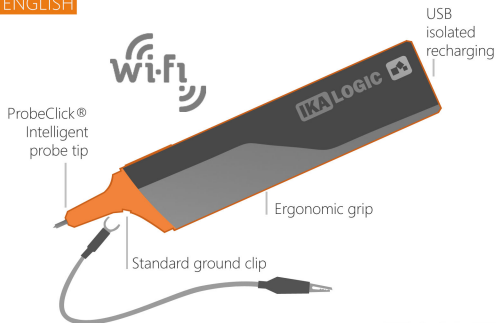


# Get started with IKASCOPE

WS200 - Wireless oscilloscope probe

ENGLISH



## 1. Download app

Scan the QR code or go to [ikascope.com](http://ikascope.com) to download our application.



## 2. Setup



Press on probe tip for 1 second to turn IKASCOPE ON then follow instructions in application to connect IKASCOPE to your existing wifi network. You may need to recharge your IkaScope to turn it on.

## 3. Start measuring!

The probe tip is intelligent (ProbeClick®). It automatically starts measuring when you press it, and holds the measure on the display when you release it!



### ⚠ IMPORTANT INFORMATION

Keep away from children's sight. Do not expose to water, heat or moisture. Do not point probe tip toward body parts. Use only to measure electrical signals within  $\pm 40$  Volts range. Do not use in a system in which the failure of the product might result in personal injury. Only recharge from a USB port. Read user manual: [www.ikascope.com](http://www.ikascope.com).

CAT-I  
 $\pm 40V$



Patented technology - Made in France by



Augmented Instruments

19 Rue Columbia, 87280 Limoges, France

# IKASCOPE

WS200 - Wireless oscilloscope probe

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## General specifications

Model name: WS200

Communication: Wifi 802.11 b/g/n/e/i 2.4Ghz

Connection: Access Point or Station

Battery charging connector: Micro USB

Input contact: ProbeClick®

Operating Temperature: 10°C to 35 °C

Altitude < 2000 m

Protection Input level: Sample test voltage : 253 VAC 1 min

Input to charging port isolation: Sample test voltage : 1100 VAC 1 min

Battery: Built In Lithium / 420 mAh

Application Compatibility: Windows / Mac / Linux / Android / iOS

## Measurement specifications

Max. sample rate: 200 MSps

Analog Bandwidth (-3 dB compression): 30 MHz at -3dB

Input Voltage:  $\pm 40V$  range CAT1

Galvanic Isolation: Between Input and Charging port

Coupling: AC (true) / DC

Input Impedance: 1M $\Omega$  || 14pF

Voltage resolution: 100 mV/div up to 10V/div

Max. Trace refresh rate: 250 FPS

Sample resolution: 8 bits

Analog Offset Range:  $\pm 20V$  to  $\pm 40V$

Memory Depth: 4K Points (4x 1000 points burst buffers)

Channel: 1

## LEDs behavior

LEDs Status	IkaScope mode
	LED On IkaScope battery is fully re-charged and charger is connected.
	LED On LED Flashing IkaScope battery is being re-charged IkaScope battery is almost empty (less than 20% remaining and needs to be recharged)
	LED On LED Flashing IkaScope is connected to a Wifi network. IkaScope is trying to connect to an existing Wifi network.
	LED On LED Flashing A device is connected to IkaScope's Wifi. IkaScope created a Wifi network and is waiting for a device to connect to it.

## Limited warranty information

Congratulations for the purchase of your IkaScope WS200. We have done our utmost to make your experience the best one possible. If you have any questions when setting up your product, we recommend that you visit our website [www.ikascope.com](http://www.ikascope.com). There you will find helpful hints and as well as contact information.

Who is protected by the warranty?

How to obtain warranty service?

Who pays for what?

Please check [warranty.ikalogic.com](http://warranty.ikalogic.com) to read a full copy of the limited warranty information.

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