

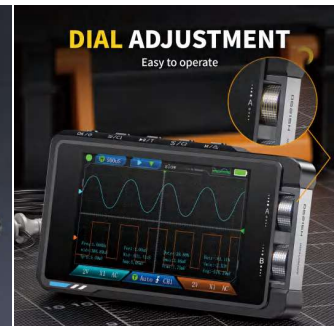
INTRODUCTION

The DS215H is a newly designed dual-channel portable digital oscilloscope, specifically engineered for the repair and R&D industries. It integrates an oscilloscope and a signal generator and adopts an FPGA + MCU + ADC hardware architecture for superior performance. Featuring a 3.5-inch color screen, it delivers clear and intuitive visuals. Its unique design incorporates a rotary dial for seamless selection and switching, offering users a portable and efficient operating experience. The DS215H is an ideal tool for education, repair, development, and testing applications.



FEATURES

- 50MHz bandwidth, 250MSa/s sampling rate digital oscilloscope
- 50kHz MAX frequency, 13 types of function signal generator
- Supports waveform screenshot saving and viewing, facilitating data analysis
- 3.5-inch color screen, it delivers clear and intuitive visuals
- 8 languages: Chinese, English, German, Portuguese, Japanese, Spanish, Korean, Russian



TECHNICAL SPECIFICATIONS

Oscilloscope			
Bandwidth	50MHz	Channels	2CH
Sampling rate	250MSa/s	Input impedance	1MΩ
Vertical sensitivity	10mV/div-10V/div	Trigger types	Auto/Normal/Single
Time base scale	20nS/div-20S/div	Storage space	14M
Vertical Resolution	8 bits	Waveform Display Mode	Scroll
Picture storage	✓	Auto Calibration	✓
Measurement data	Freq,Cycle,+Duty,-Duty,+Width,-Width,Max,Min,Vpp,Amp,RMS,Avg		

Waveform Generator			
Max Frequency	50kHz	Channels	1CH
Resolution	0.1-3V	Duty of Square	0-100% adjustable
Waveforms	sine,square,sawtooth,half wave,full wave,positive ladder,negative ladder,exponential rise, exponential fall,DC,multi-tone,sinc pulse,lorentz wave;13 types		

GENERAL CHARACTERISTICS

Product Color	Black & Gray	Product Net Weight	146g
Product Size	66x110x19.5mm	Standard Carton	54*43*31.5cm
Display	3.5-inch IPS high-definition color screen	Carton Gross Weight	19.75kg
Battery	3.7V/1500mAh Lithium battery, Standby time 4 hours	Quantity Per Carton	50PCS