How to Use JYE Tech DIY Oscilloscope

Specification

Vertical

- Number of Channel: 1
- Analog Bandwidth: 0 - 200KHz
- Sensitivity: 10mV/Div - 5V/Div
- Sensitivity error: < 5%
- Resolution: 12-bit
- Input Impedance: 1M ohm
- Maximum Input voltage: 50Vpk
- Coupling: DC, AC, GND

Horizontal

- Max Real-time Sampling Rate: 1Msps
- Timebase: 10us/Div - 500s/Div
- Record Length: 1024

Trigger

- Trigger Modes: Auto, Normal, Single
- Trigger Types: Rising/falling edge
- Trigger Position: 1/2 of buffer size fixed

Display

- 2.4-inch color TFT LCD with 320 x 240 resolution

Power Supply

- 3.5V - 6V DC
- Supply Current: 120mA @5V

Physical

- Dimension: 85mm X 75mm X 15mm
- Weight: 50 gram (not including cables)

References

Reference	URL
DSO138mini Oscilloscope DIY Kit	https://jyetech.com/dso138mini-oscilloscope-diy-kit/
Forums	https://forum.jyetech.com/index.php