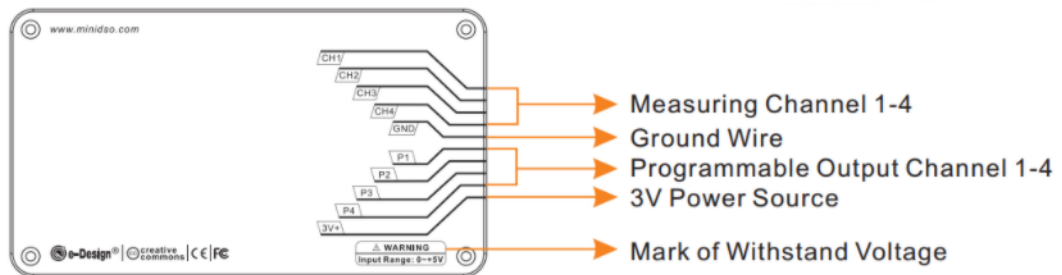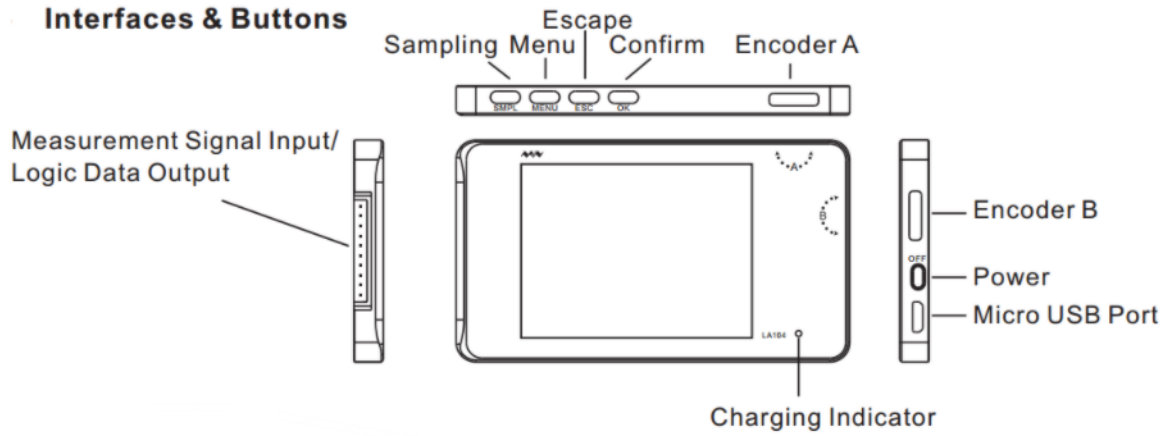# SEEED-109990365

PRODUCT DETAILS

LA104 is a compact, portable logic analyzer with a display screen. It is widely applied to avariety of industries and fields, such as automotive electronics, communication, power supply and computer.

Logic analyzer is used to analyze the logic relationship of digital systems, as it can collect and store multichannel digital signals and directly display their sequential relationship on the screen. The logic analyzer is equipped with the function of protocol analysis, and can parse logic signal of the protocol's physical layer into data of the high layer protocol and display them on the screen.

Features:
- Color display

- 4 Input Channels
- 100MHz Max Sampling Rate
- 100MHz Measuring Bandwidth
- Built In 8MB Flash Storage

Interfaces & Buttons

Buttons	Functions
⏻	Power On/Power Off (If the device is automatically power off, turn off the device then turn on again)
⟜⟝	Charging, connecting PC for reading data
SMPL	Collect/Pause
MENU	Option Menu
ESC	Quit
OK	Confirm/Execute
Encoder A	Left/Right Choosing
Encoder B	Up/Down Choosing

Technical details

Dimensions	40mm x150mm x103mm
Weight	G.W 0.175g
Battery	Exclude
Channel	4
Max Sampling Rate	100M Sa/S
Min Captured Pulse width	10ns
Input Voltage Range	0-5V
Equivalent Input Impedance	1MΩ
Threshold Voltage	1.2-3V
Programmable Output Channel	4
Programmable Output Type	PWM,SPI,I2C,UART
Programmable Output Amplitude	3v
3V Power Output Channel	1
Storage	Built-in 8M Flash Storage
Battery	Built-in 500mAh Lithium Battery
Display	2.8 ′ Color LCD Screen
Size	100mm*56.6mm*8.4mm