Multi Gas Detector

1.Product Picture and Model

Model: BTYQ-PGA04

    Multi Gas portable detector is suitable for the occasions that need to quickly detect the concentration of volatile gases. It can quickly detect the concentration of gases in pipelines or confined spaces, atmospheric environment.
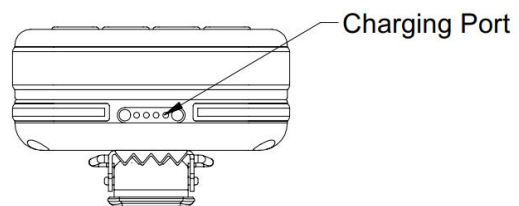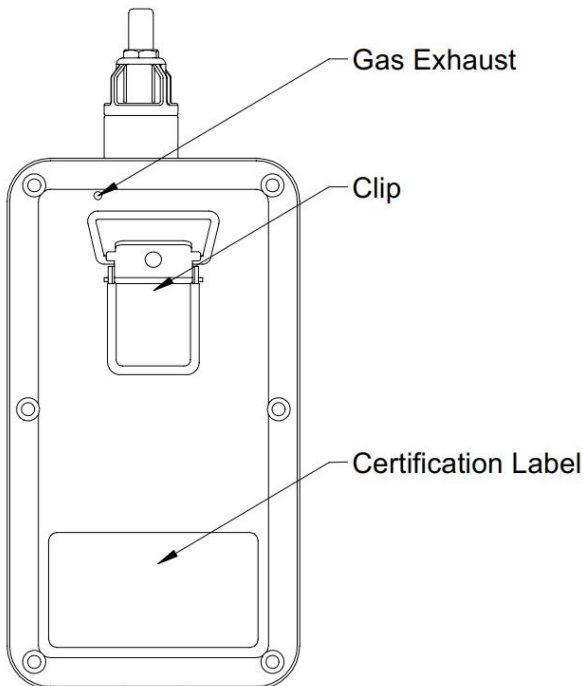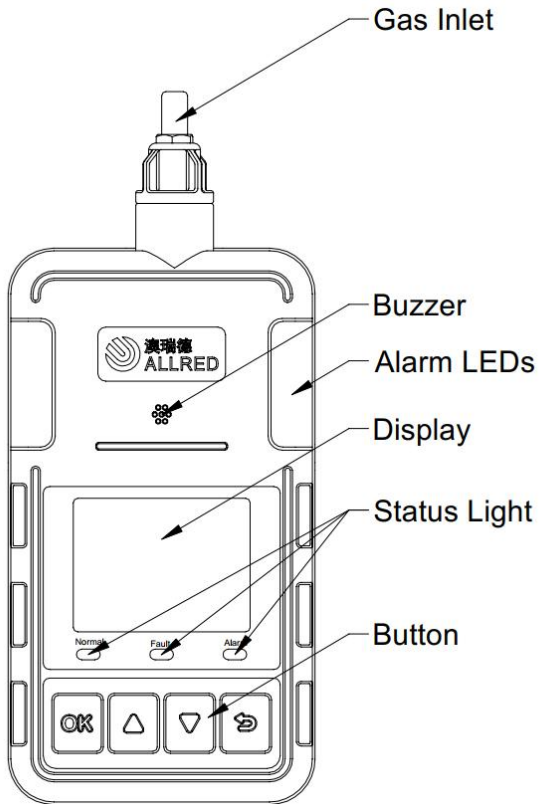
1.1 Detector Component

1.2 Detector Dimension
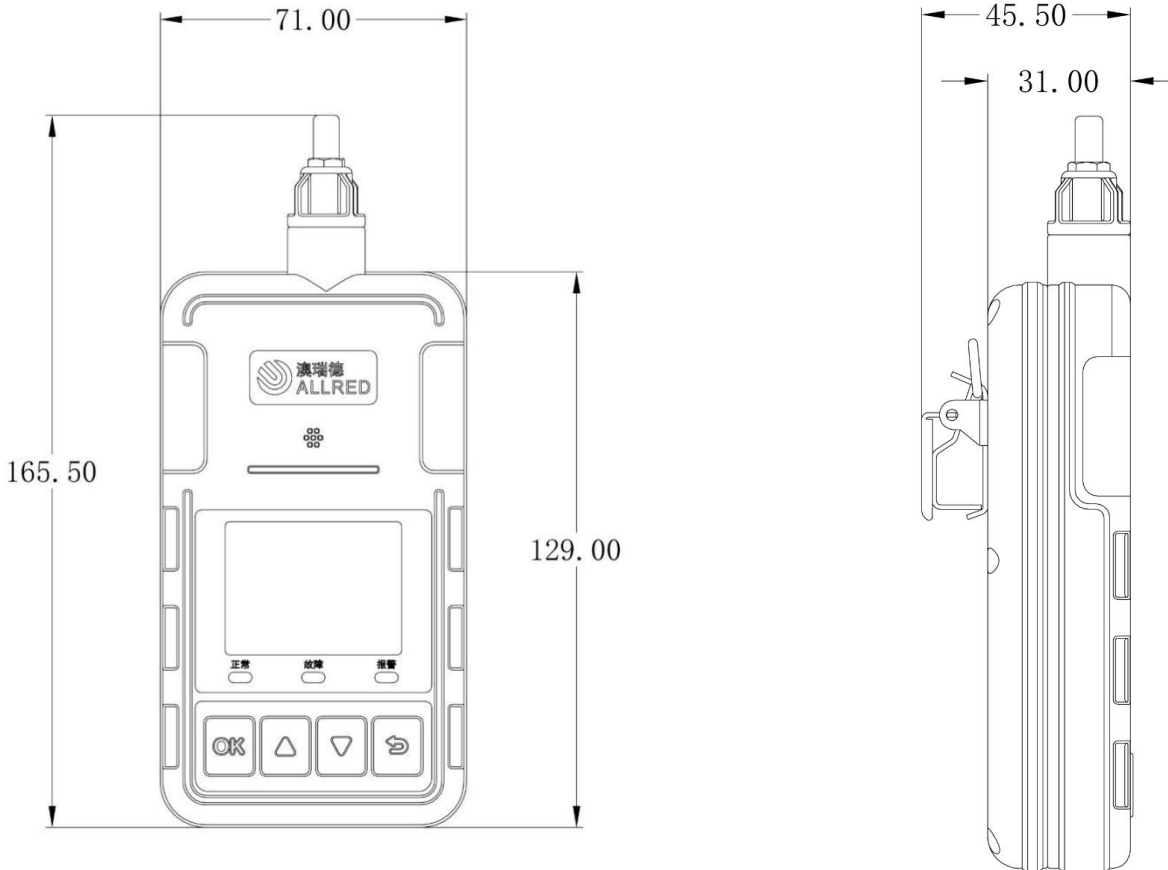
2. Features

●Sensitive and reliable sensors, two options for LEL: NDIR sensor or catalytic sensor.

●Intrinsically safe circuit design, anti-static, anti-electromagnetic interference, dust-proof, water-proof and shock-proof.

●Protection level IP68, built-in water vapor and dust filter to prevent damage to sensor and instrument.

●Built-in pump, rapid response, free to set the pump speed, can be connected to the external sampling tube up to 30 meters.

●2-inch high-definition color screen, display real-time concentration, alarm, time, storage, power, charging status and other information, English operation interface, easy to operate.

●USB magnetic charging interface and can be charged by computer or power bank.

●Built-in large-capacity memory, can store 1024 alarm records, 1024 system records and 100,000 real-time records.

●Built-in U disk system, through the usb cable, you can copy alarm records, system records and real-time records.

●Adopt 3000mAh large-capacity rechargeable polymer battery, can work continuously for more than 12 hours.

●Audio-visual alarm, vibration alarm, under-voltage alarm, fault alarm, multi-directional three-dimensional display of the alarm status.

●Alarm value can be set, alarm mode can be selected as low alarm and high alarm.

●Zero point automatic tracking, long-term use is not affected by zero drift.

●Concentration calibration misoperation is automatically identified and prevented, which can avoid adverse consequences caused by human factors.

●Optional Bluetooth module, through pairing, it can be connected to the cell phone APP, the detection data is transmitted and stored in cell phone.

●Optional LORA module, through pairing, it can be connected to the controller, the inspection data is transmitted to the controller, the inspection data and alarm information can be displayed and stored in the controller.

3.Specification

Gas Type	EX+O2+H2S+CO
Resolution	EX: 1% LEL, O2: 0.1% VOL, H2S: 1 ppm, CO: 1 ppm
Operating Principle	EX(NDIR and Catalytic optional) O2/H2S/CO(Electrochemistry)
Sampling Method	Pumping
Measurement Range	CH4: 3~100% LEL, O2: 0~30% VOL, H2S: 0~100 ppm, CO: 0~100 ppm
Display	LCD
Language	Chinese/English
Alarm	Sound, light and vibration
Wireless Communication	Optional Bluetooth module (can be connected to phone APP); Optional LORA module (can be connected to controller)
Data Record	1024 alarm records, 1024 system records and 100,000 real-time records
Battery	Lithium battery, nominal 3.7V, capacity 3000mAh
Operating Time	12 h (with NDIR sensor) 8 h (with Catalytic sensor)
Operating Temperature	-40℃～70℃ (detection of combustible gas) -20℃～50℃ (detection of toxic gas)
Operating Humidity	5-95% RH Non-condensing
IP Rating	IP68
Ex Marking	Ex ib IIC T4 Gb/Ex ib IIIC T130℃ Db
Weight	300g