

# New product Release



## MD-S211 High-precision Datalogger Gauge

Reliable IoT sensing solution provider

# ► Pain points



## No data records Function

Most digital pressure gauges do not have data recording functions; even for devices with recording functions, data export methods are cumbersome.



## Installation trouble

Most products on the market have fixed dials, and the dial display will be tilted during installation.



## Parameter setting is inconvenient

Parameters can only be set through buttons, which places high demands on the operator.



## Single power supply method

Products on the market are basically powered by dry batteries, which have short battery life and are troublesome to replace.

# ▶ Target customer group



## energy industry

In the energy field, high-precision digital pressure gauges can be used to monitor gas conditions in pipelines and monitor whether there are leaks.



## Industrial manufacturing and processing industry

Gas pressure needs to be accurately measured and controlled to ensure product quality and production efficiency



## laboratory research

Scientific research laboratories require gas pressure measurements to control experimental conditions such as chemical reactions or materials testing

# ► Introduce

## 1. Dial rotates 330°

The equipment can adapt to different installation needs to ensure that the angle is in the best direction.

## 2. Power

Standard type-C power supply, optional dry battery or rechargeable battery power supply

## 3. Accuracy

0.05%FS,0.1%FS,0.2%FS,0.5%FS



## 4. Data recording and export functions

Supports data logging function and can be exported through type-c and Bluetooth functions

## 5. Parameter settings

Parameters can be configured through Bluetooth APP and buttons

## 6. Unit Switch

There are up to 15 types of pressure units, covering all basic pressures, and can be used in a wider range of industries.

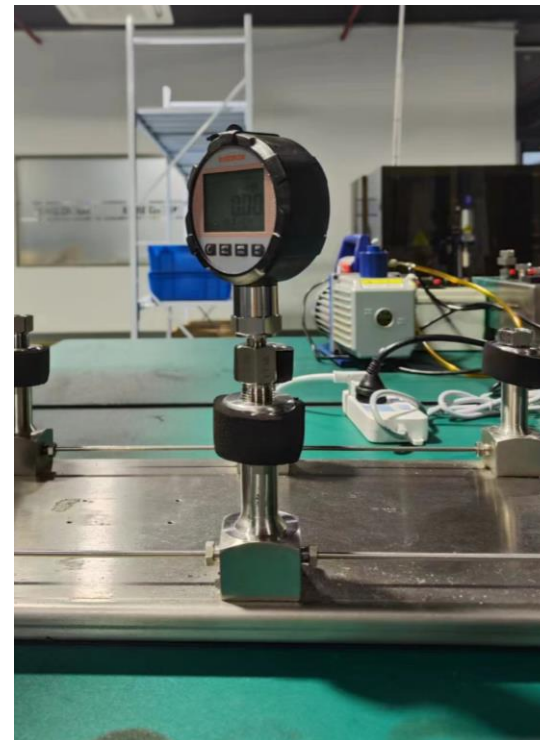
# ► Introduce

## Dial 330° rotation:

1. It is difficult to install the dial of the device to the best direction when installing the device. The dial can be rotated 330°. By rotating the dial, it is relatively simple to rotate the dial to the best display direction; 2. Later battery replacement, rotating the dial When in the right position, it becomes easier to operate.



**After-rotation effect**



**non-rotation effect**



# ► I n t r o d u c e

## Power supply:

This product adopts the power supply mode of type-c external power supply + rechargeable lithium battery or type-c external power supply + AAA dry battery. At the fastest acquisition rate of 0.1 seconds/time (maximum power consumption), the lithium battery can work for 90 days. AAA batteries can work for 60 days; rechargeable batteries take 10 to 12 hours to fully charge.



**AAA battery  
powered**



**Rechargeable lithium  
battery powered**



**type-c external power supply**

# ► I n t r o d u c e

## High precision:

Three precision options are available: 0.05%, 0.1%, and 0.5%.

The 1.0.05% pressure gauge can be used as a standard gauge to calibrate or test slightly lower precision gauges.

2. The production process of some products requires accurate pressure display to ensure that the products produced meet the standards.

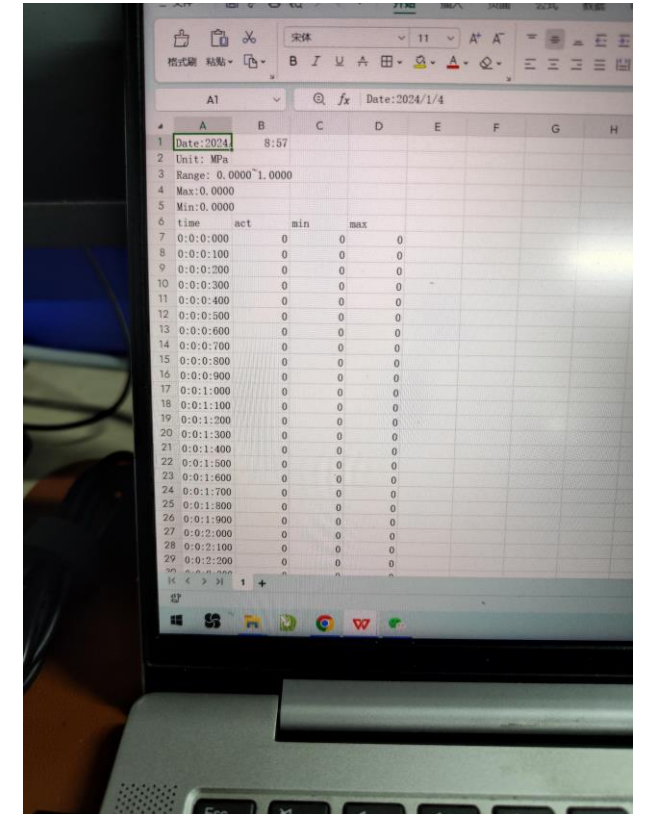
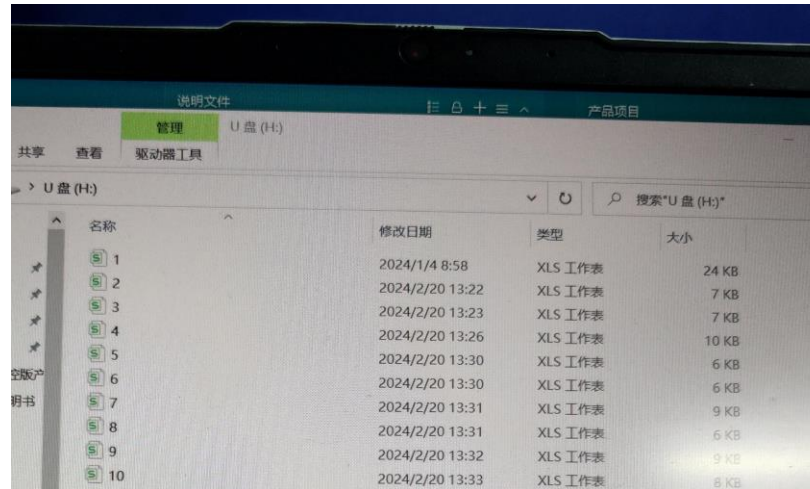
3. Certain test processes in the laboratory require high-precision meters to measure pressure to ensure the normal conduct of the test.





# ► I n t r o d u c e

## Data recording and export functions



**Export recorded data from  
computer**



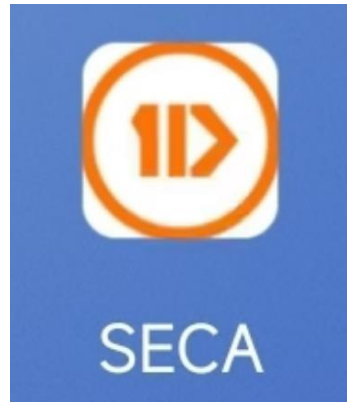
# > APP data collection

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ios / Android

Internal beta version  
installation package

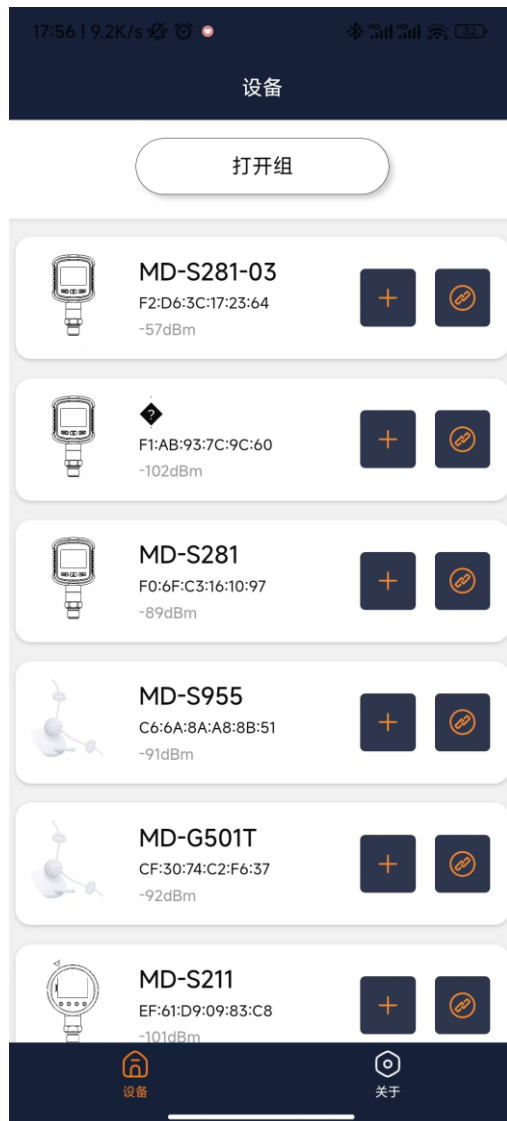


homescreen icon



MD-S211 screen

# > APP data collection

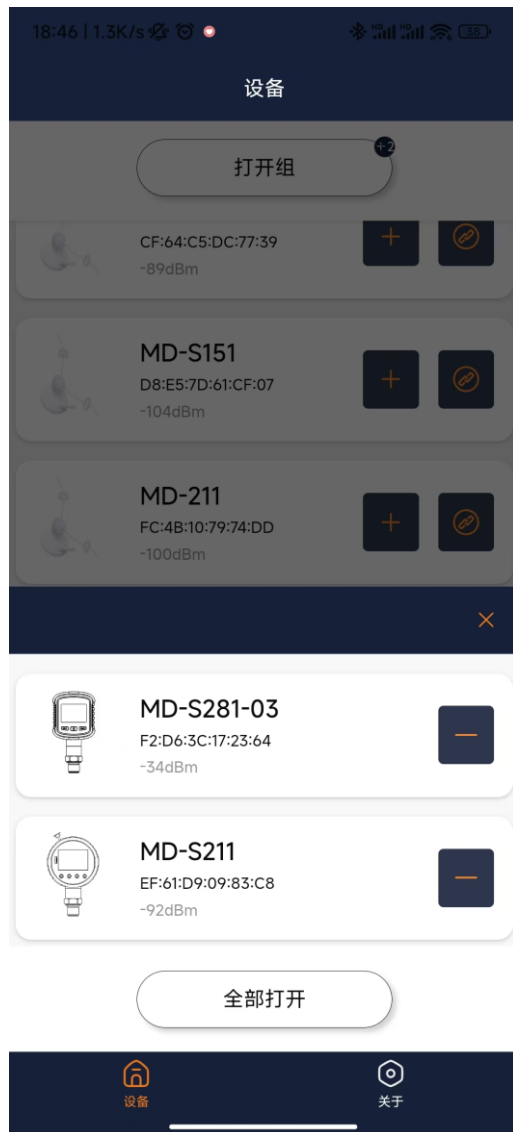


Main interface:  
The product identification and MAC address are displayed on the left  
Click on the right to enter single connection mode or multi-device connection mode



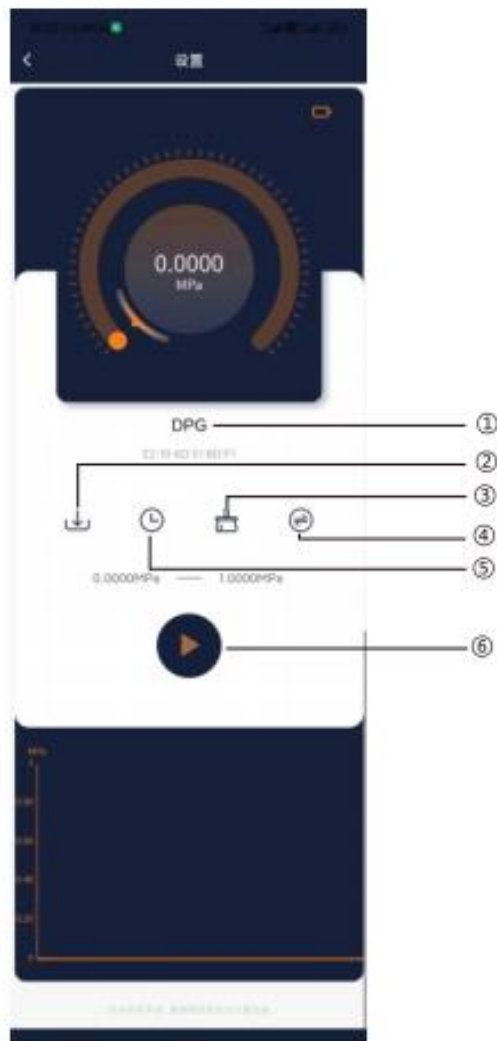
Secondary interface:  
Display the current software version number.  
Support software language selection (you need to restart the APP after selecting)

# > APP data collection



Multi-device connection mode:  
Users can add devices to the group through the "+" key. 4 devices can be connected simultaneously in the same group.

# > APP data collection



19:19 | 15.5K/s

excelbb9-50e...

|    | A  | B   | C             | D |
|----|----|-----|---------------|---|
| 1  | 单位 | kPa |               |   |
| 2  | 序号 | 数据  | 时间            |   |
| 3  |    | 1   | 019:19:00:336 |   |
| 4  |    | 2   | 019:19:01:336 |   |
| 5  |    | 3   | 019:19:02:336 |   |
| 6  |    | 4   | 019:19:03:336 |   |
| 7  |    | 5   | 019:19:04:336 |   |
| 8  |    | 6   | 019:19:05:336 |   |
| 9  |    |     |               |   |
| 10 |    |     |               |   |
| 11 |    |     |               |   |
| 12 |    |     |               |   |
| 13 |    |     |               |   |
| 14 |    |     |               |   |
| 15 |    |     |               |   |
| 16 |    |     |               |   |
| 17 |    |     |               |   |
| 18 |    |     |               |   |
| 19 |    |     |               |   |
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| 21 |    |     |               |   |
| 22 |    |     |               |   |
| 23 |    |     |               |   |
| 24 |    |     |               |   |
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| 26 |    |     |               |   |
| 27 |    |     |               |   |
| 28 |    |     |               |   |
| 29 |    |     |               |   |
| 30 |    |     |               |   |
| 31 |    |     |               |   |

工具 适应手机 分享 小助手

Single device connection mode:  
Users can enter through the "Connect" key.



# ▶ I n t r o d u c e

## 15 UNITS

| KPA   | MPA   |
|-------|-------|
| PSI   | kgf   |
| bar   | mbar  |
| mH2o  | Torr  |
| ATM   | inH2o |
| inWC  | inHg  |
| cmH2o | mmHg  |
| cmHg  |       |

# I n t r o d u c e

- Pressure range: -0.1...0~0.1...1...10...70MPa
- Overload pressure: 150%
- Product accuracy: 0.05%, 0.1%, 0.5%
- Dial size: 85mm
- Backlight color: green
- Power supply mode: standard type-c power supply, 3 AAA batteries and rechargeable batteries are optional
- Rotation angle: 330°
- Protection level: IP65
- Output mode: no output
- Output mode: M20\*1.5, G1/2 thread and other threads
- Measuring medium: gas or liquid compatible with 316 stainless steel
- Product size: 85mm\*38mm\*133mm
- Shell material: cast zinc

# ▶ Product comparison



## MD-S211

**Rated range:** -0.1...0~0.1...1...10...70MPa

**Product accuracy:** 0.05%, 0.1%, 0.5%

**Power supply method:** TYPE-C, 3 AAA batteries, rechargeable lithium battery

**Housing rotation:** 330°

**Pressure unit:** 15 types

**Data export:** type-c, Bluetooth export

**Protection level:** IP65

**Parameter settings:** button settings, Bluetooth settings

**Product size:** 85\*38\*133mm



## MD-S210

**Rated range:** -0.1...0~0.1...1...10...100MPa

**Product accuracy:** 0.05%, 0.1%, 0.5%

**Power supply:** 3 AA batteries

**Rotation angle:** none

**Pressure unit:** 10 types

**Data export:** none

**Protection level:** IP54

**Parameter settings:** button settings

**Data recording:** 105\*45\*154mm

# ► Product comparison



## MD-S211

**Rated range: -0.1...0~0.1...1...10...70MPa**

**Product accuracy: 0.05%, 0.1%, 0.5%**

**Power supply method: TYPE-C, 3 AAA batteries, rechargeable lithium battery**

**Housing rotation: 330°**

**Pressure unit: 15 types**

**Data export: type-c, Bluetooth export**

**Protection level: IP65**

**Parameter settings: button settings, Bluetooth settings**

**Data records: 10 records, each record contains 27,000 data**



## SIKA C2,D2,E2

**Rated range: -0.1...0~0.1...1...10...100MPa**

**Product accuracy: 0.05%, 0.1%, 0.5%**

**Power supply: 2 AA batteries**

**Rotation angle: 270°**

**Pressure unit: 8 types**

**Data export: USB**

**Protection level: IP67**

**Parameter settings: button settings**

**Data records: 10 records, each record contains 27,000 data**



A low-angle, upward-looking photograph of several modern skyscrapers with glass facades. The buildings are arranged in a way that they appear to converge towards the top center of the frame. The sky is a clear, pale blue with some light, wispy clouds. The word "THANKS" is superimposed in the center of the image in a large, bold, white, sans-serif font.

**THANKS**