# EM200
## Weight Indicator and controller

The EM200 industrial-grade weight indicator and controller, which provides a compact and flexible solutions to meet various requirements of industrial weighing, such as bench scales, floor scale, etc.



## Key features

**Large screen display**
- Certification accuracy： 4000e
- digits 40mm tall, seven digits seven segment LCD with white backlight

**Communication interface**
- standard discrete RS232 and isolated RS485; Bluetooth

**Discrete I/O interface**
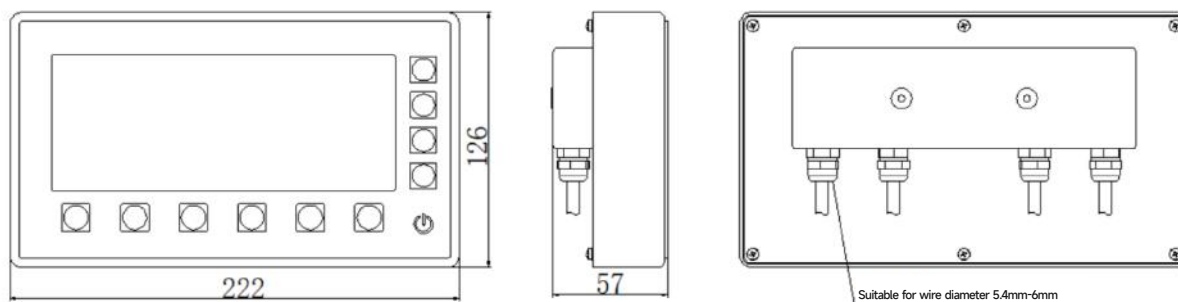- optional discrete I/O port, 2 inputs and 4 outputs.

**Flexible application**
- basic weighing, check-weighing, counting, accumulation, livestock weighing, truck scales.



## Dimensions

Unit: mm



126

222

57

Suitable for wire diameter 5.4mm-6mm

## Specifications

| Product model | EM200 |
|---|---|
| AC Power | 100-240VAC / 49-60HZ |
| Li-Battery capacity ※ | 5000mAh |
| Operating temperature | -20 ~ +60 |
| Display screen | TN segment code liquid crystal, 40mm weight word high weight display, with white backlight |
| Number of verification scale intervals (e) | 4000 |
| Number of scale intervals for indicator (d) | 100000 |
| Number of sensors | Up to 4 350 Ohm load cells |
| Load cell Excitation | 5VDC |
| Minimum sensitivity | 1 µV/e |
| Accuracy class | Ⅲ |
| KeyPad | 11 key control |
| Communication protocol | Command output, Continuous output, Print |
| Calibration method | Weight calibration,Remote calibration |
| Capacity | 1-500,000kg（default 60） |
| Increment size | 0.001/0.002/0.005 |
| | 0.01/0.02/0.05（default 0.01） |
| | 0.1/0.2/0.5 |
| | 1/2/5 |
| | 10/20/50 |
| Serial ports | 2 way RS232 (Isolation) |
| Baud rate | 1200，2400，4800，9600（default），19200，38400，57600，115200 |
| DIO interface※ | 2 input (optocoupler isolation) /4 output (relay contact) |
| Enclosure Type | Aluminum alloy, Stainless steel |
| Install mode | Mount to wall, table or column with adjustable Angle mounting bracket |
| Weighing application | Can be used for basic weighing, checking weight, counting, accumulation, animal weighing and so on |

Note:The list marked with ※ is optional, customers need to purchase separately.