

EM202

Weight indicator and controller

The EM202 industrial-grade weight indicator and controller, which provides a compact and flexible solution to meet various requirements of industrial weighing, such as floor scale, truck scales, etc., the A/D sampling rate reaches to 1000HZ.

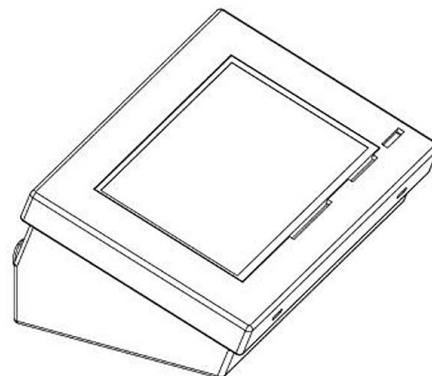
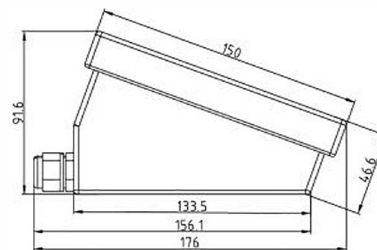
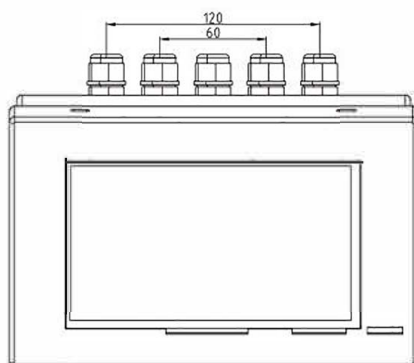
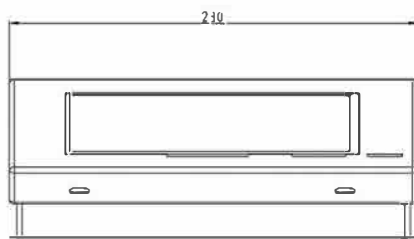


Key features

- Large screen display
 - Certification accuracy: 6000e
 - 7 " full color touch screen
- Convenient operation
 - 4 physical Keypads and multi short keys on touch screen.
- Communication interface
 - Standard isolated RS232 and isolated RS485; CAN, LAN
- Discrete I/O interface
 - Standard discrete I/O ports, 4 inputs and 4 outputs.
- Flexible application
 - basic weighing, check-weighing, counting, accumulation, livestock weighing



Dimensions



Unit: mm

Specifications

Model No	EM202
Voltage	100-240VAC
Battery capacity ※	5000mAh
Operating temp (°C)	-20 ~ +60
Display screen	7 inch TFT full color screen
Max. number of verified divisions (e)	6000
Max. number of display resolution (d)	100000
Number of load cells	Max. 6× 350Ω load cells (2 or 3mV/V)
Max. A/D rate	1000HZ
Excitation voltage	5VDC
Min. input sensitivity	0.5μV/e
Accuracy class	Class III
Key	4pcs physical key and touch shortcut key
Protocol	Instructions output, continuous output; Modbus RTU; Modbus TCP
Calibration mode	Weights calibration, Remote calibration
Range of capacities	1 to 100000 (default 60)
Verification value	0.0001/0.0002/0.0005
	0.001/0.002/0.005
	0.01/0.02/0.05(default 0.01)
	0.1/0.2/0.5
	1/2/5
	10/20/50/100
Serial port	1 channel RS232 (Isolated), 1 channel RS485 (Isolated)
	1 channel CAN (Isolated)
Baud rate	1200, 2400, 4800, 9600 (Default), 19200, 38400, 57600, 115200
Digital I/O	4 inputs (Optocoupler isolation) / 4 outputs (Relay contacts)
Enclosure material	Aluminum, stainless steel optional
Mounting style	Wall-mounted via angle-adjusted stand, desk-placed or column-sit
Typical applications	Basic weighing, checkweigher, counting, sorting, livestock scales

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