

EM201D

Weighing Indicator

EM201D is industry digital weighing indicator. Fit Runingtech's digital load cells, weighing is more accurate and stable. With 5"IPS color display, the operation is convenient. It supports Chinese or English display and configuration menu. What's more, comprehensive communication interfaces are provided to meet user specific needs. It can be applied to bench scales, platform scales, etc.



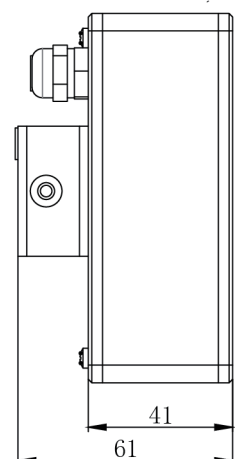
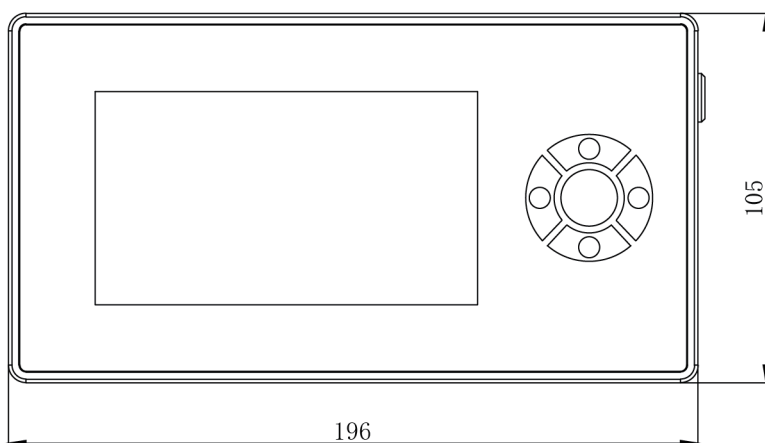
Key features

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|---|---|
|  5" full color display | <ul style="list-style-type: none"> • Digit 40mm height |
|  Easy to use | <ul style="list-style-type: none"> • English, chinese available |
|  Shift adjust | <ul style="list-style-type: none"> • Auto shift adjust |
|  Ports (standard configuration) | <ul style="list-style-type: none"> • Isolated RS232, RS485, Ethernet; digital I/O, 2-channel inputs and 2-channel output; Analog output (4-20mA/0-10V) |
|  Load cells information | <ul style="list-style-type: none"> • Query and Diagnosis |
|  Rechargeable battery | <ul style="list-style-type: none"> • Optional 10Ah Li-ion battery |



Dimensions

Unit: mm



Specifications

Product Model	EM201D
Power	12VDC (Provide 220V ACDC Adapter)
Battery capacity※	10Ah Li-ion battery
Usage temperature(°C)	-20 ~ +60
Display	5" IPS TFT Color Screen
Number of verification scale interval	10000
Max number of display division	100000
Max number of load cell	4 Runingtech's digital load cells
Physical interface with load cell	CAN
Communication Protocol with load cell	CANOpen
Communication data encryption	Support data encryption
Accuracy class	III
Keypad	5 functional key and 1 power key
Load cell addressing	Auto or manual
Calibration functionality	Weight calibration, Remote calibration, calfree calibration
Shift adjust	Mechanical shift adjust, Electronic auto shift adjust
Load cell information	Support Query and Diagnosis, display internal counts of each load cell
Capacity	1-500,000kg (60kg default)
Increment	0.001/0.002/0.005/ 0.01/0.02/0.05 (0.01 default)
	0.1/0.2/0.5/1/2/5
	10/20/50/100
Serial ports	1 RS232, 1 RS485; Supports command output, continuous output, Modbus-RTU
Ethernet	1 Ethernet; It supports continuous output and Modbus-TCP
Baudrate	1200, 2400, 4800, 9600 (default) ,19200, 38400, 57600, 115200
DIO	2 input (optocoupler isolation) /2 output (relay contact)
Analog output	4~20mA, 0~10V
Weight Comparator	4 comparators
Enclosure material	Aluminium
Install method	Tilt stand with provisions for desk, wall and column mounting
Weiging scenario	Basic weighing, check weigh and other

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