

# ID511L

# Weighing Terminal



### Applications:

- \* Platform scale
- \* Counting scale
- \* Over/Under/Ok Classify scale
- \* Animal weighing scale

### Features:

- \* 200,000 display division
- \* Two display range/two increment size
- \* RS232/485 (standard)
- \* 1" display, green or red
- \* MODBUS\_RTU
- \* Basic Functionality: ZERO、TARE、CLEAR and PRINT
- \* Auto Tare, Auto Clear and Auto Print
- \* Print and Totalization
- \* X10/Over/Under/OK/Count/Animal Weighing/Unit Switch
- \* Auto save battery and battery indicating
- \* Auto Power OFF
- \* Over/Under/OK alarm output with relay output
- \* External Input to Zero, Tare, Clear or Print.
- \* Power Input: 100~264VAC, ≤ 0.1A  
NI-MH battery gru, GP 7.2 VDC  
3800mAh

### Options:

- \* 1 Inputs /3 Outputs(Relay)
- \* RTC (Real Timing Clock)

Specifications and Parameters	
Accuracy	
Accuracy Class	III
Approval	200,000 Display Division
Display Range	Two display range / Two increment size
<b>Display &amp; Keypad</b>	
Display	6 bits 1" high green or red LED display & 12 status lights
Update Speed	100ms
Status Display	Over/Under/OK, Count KG/LB, Center of Zero, Net/Gross, Motion, Battery
Key	5 function keys(Tare, Clear, Zero, Function key, Print)
Power On/Off	Support
<b>ADC</b>	
Type	24-bit
Speed	100 Hz
Resolution	0.05uV/d
Resolution Approved	1uV/vsi (legal for trade)
Input	0.1mV to 19Mv
Accuracy	200,000d
<b>Linearity and Stability</b>	
In-linearity & TC	≤0.0015% FS; ≤5ppm/°C
Exciting Voltage	5V DC, max 150mA
Load Cell Number	Max 4 x 350Ω
Connect Type	4- wired or 6-wired . Cable:274mR/m <sup>2</sup>
<b>Scale Basic Functionality</b>	
Calibration	2-point or 3- point
Filter	3-step
Scale Process	Tare, Zero, Auto Zero, Motion, Auto Tare, Auto Clear, Auto Print and Print Totalization
Inputs	Option 1 Inputs for Zero, Tare, Clear or Print
Outputs	Option 3 Relay Output for Under/Ok/Over Alarm
<b>Application</b>	
Basic Weighting	Tare, Zero, Print, Auto Tare, Auto Clear & Auto Print, Unit switch
Classify	Over/Under/OK alarm output with relay output
Counting	Supported
Print and Totalization	Supported
Animal Weighing	Supported
<b>Communication I/F</b>	
Serial Port	COM1-RS232/485
Continuous Output	Supported
MODBUS-RTU	Report Weight, Remote Zero, Tare, Clear
<b>Housing</b>	
Harsh	IP66, Round housing bracket or Wall housing bracket
<b>Working Condition</b>	
Temperature	-10°C ~40°C, 95% RH
Power Supply	110VAC ~ 220VAC, 12W

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**ID511L Industrial Weighing Terminal**  
*High Accuracy, Fast Stability, Extensive Applications*