## Specifications

<table>
<thead>
<tr>
<th></th>
<th>AD-4405</th>
<th>AD-4406</th>
<th>AD-4407</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Input Sensitivity</strong></td>
<td>0.2V/d</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Input Signal Range</strong></td>
<td>—1mV~15mV</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Load Cell Excitation</strong></td>
<td>DC5V 5% 60mA, Remote Sensing (Up to 4 load cells at 350W/load cell)</td>
<td>DC5V 5% 120mA, Remote Sensing (Up to 8 load cells at 350W/load cell)</td>
<td></td>
</tr>
<tr>
<td><strong>Zero Temperature Coefficient</strong></td>
<td>0.001%/°C of dead load (Typically)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Span Temperature Coefficient</strong></td>
<td>8ppm/°C of reading (Typically)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Non-Linearity</strong></td>
<td>0.01% of scale</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Input Impedance</strong></td>
<td>100kΩ or more</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>A/D Conversion Method</strong></td>
<td>Integrating dual slope type</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>A/D Conversion Rate</strong></td>
<td>40,000 counts</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Max. Display Resolution</strong></td>
<td>20,000 divisions</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>A/D Conversion Rate</strong></td>
<td>5 times/sec., 10 times/sec.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Main Display</strong></td>
<td>7-segment, 20mm/H VFD</td>
<td>7-segment, 25mm/H LCD</td>
<td>7-segment, 20mm/H VFD</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>AC 100/110/120/200/220V, 20mA, Remote Sensing (Up to 4 load cells at 350W/load cell)</td>
<td>AC 100/110/120/200/220V, 20mA, Remote Sensing (Up to 8 load cells at 350W/load cell)</td>
<td>AC 100/110/120/200/220V, 20mA, Remote Sensing (Up to 16 load cells at 350W/load cell)</td>
</tr>
<tr>
<td><strong>Consumption</strong></td>
<td>20W</td>
<td>30W</td>
<td>50W</td>
</tr>
<tr>
<td><strong>Battery Life (Alkaline battery)</strong></td>
<td>70h (4 Load Cells)</td>
<td>180h (1 Load Cell)</td>
<td>—</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>—15°C~+10°C (50/60Hz)</td>
<td>—15°C~+10°C (50/60Hz)</td>
<td>—15°C~+10°C (50/60Hz)</td>
</tr>
<tr>
<td><strong>Operating Humidity</strong></td>
<td>Less than 95% RH (non-Condensing)</td>
<td>—15°C~+10°C (50/60Hz)</td>
<td>—15°C~+10°C (50/60Hz)</td>
</tr>
<tr>
<td><strong>Physical Dimensions</strong></td>
<td>192(W) x 5.96(H) x 8.73(D) inches</td>
<td>7.83(W) x 1.11(H) x 3.15(D) inches</td>
<td>275(W) x 11.01(H) x 8.10(D) inches</td>
</tr>
<tr>
<td><strong>Net Weight</strong></td>
<td>1.50 lb</td>
<td>1.50 lb</td>
<td>4.30 lb</td>
</tr>
</tbody>
</table>

### Options

- AD-4405-03: RS-422/485 and Relay
- AD-4405-05: RS232C, Relay and Control Input
- AD-4405-06: Analog Output (A-20mA)
- AD-4405-07: Display Stand
- AD-4406-03: RS-422/485 and Relay
- AD-4406-05: RS232C, Relay and Control Input
- AD-4406-06: Analog Output (A-20mA)
- AD-4406-07: Display Stand
- AD-4406-11: RS-422/485 and Relay
- AD-4407-03: RS-422/485 and Relay
- AD-4407-05: RS232C, Relay and Control Input
- AD-4407-07: Analog Output (A-20mA)

### Accessories

- AD-8121: Dot matrix Printer

### Peripherals - P.O.A.

- Stainless steel summation junction box
- Coloured comparator lights
- Wireless operator controls
- Wireless data transmission

Please contact your Local Dealer for more details.

Specifications subject to change for improvement without notice.
Many Choices from new Featured Weighing Indicators for your Weighing System Applications

**AD-4405**

- Built-in Printer as optional add-on for your weighing data recording
  - Bright green VFD 20mm (height) display
  - Optional Dot Matrix Compact Printer
  - 10 keys for preset tare and unit weight setting etc.
  - Counting function

**AD-4406**

- Expanding your weighing applications by Battery operation
  - High cost-effectiveness
  - Big LCD 25mm (height) display
  - Multi power supply
    - Alkaline C type battery: battery life 180 hours (LC 350Ω × 1)
    - battery life 70 hours (LC 350Ω × 4)
  - Rechargeable battery AD1681
  - Optional RS-232C
  - F1, F2 selectable function keys
  - Optional 5 point (LC 350Ω × 4)
  - Optional stand available

**AD-4407**

- IP-65 for your Dust & Waterproof weighing applications with Stainless Steel Enclosure
  - Bright green VFD 20mm (height) display
  - Bracket standard
  - 10 keys for preset tare and unit weight setting etc.
  - Counting function

**Common Features**

- **Universal Flexi Coms**
  - UFC allows you to customize the protocol of the printing format as well as outputting data with RS-232C

- **Multi interval**
  - 2 weighing ranges selectable

- **Accumulation Function**
  - Accumulative data is stored into memory automatically or manually

- **Comparator Function Upper/Lower, HiHi/Hi/Lo/LoLo & comparison**
  - Comparator output to optional relays

- **Simple batch weighing**
  - Automatic batching and customer programming capability

- **Standard RS-232C for AD-4405 and AD-4407**
- **Buzzer function**
- **Code memory function**

**APPLICATION with LOAD CELL**

You can use our load cells as load sensor to build your own desktop, bench, floor or truck scales as per your preferences.

**LOADER CELL**

- LCB05
- LC4221
- LCC07
- LC4101
- LCC11
- LC4102
- LC4103
- LCBO4
- LC4212
- LCB04
- LC5207
- LC5217
- LC2224
- LCC11

**APPLICATION**

- Waterproof Weighing System
- Bench Scale Platform Scale
- Floor Scale
- Truck Scale Tank Scale