AD-4405/4406/4407
Weighing Indicators

Specifications

	AD-4405	AD-4406	AD-4407
Input Sensitivity	0.2V/d		
Input Signal Range	—1mV~15mV		
Load Cell Excitation	DC5V 5% 60mA, Remote Sensing (Up to 4 load cells at 350W/load cell)		DC5V 5% 120mA, Remote Sensing (Up to 8 load cells at 350W/load cell)
Zero Temperature Coefficient	(0.2V+8ppm of dead load)/°C (typically)		
Span temperature Coefficient	8ppm/°C of reading (typically)		
Non-Linearity	0.01% of full scale		
Input Noise	Less than 0.4Vp-p		
Input Impedance	10MW or more		
A/D Conversion method	Integrating dual slope type		
A/D Resolution	40,000 counts		
Maximum display resolution	20,000 divisions		
A/D Conversion rate	5 times/sec., 10 times/sec.		
Main Display	7-segment, 20mm(H) VFD	7-segment, 25mm(H) LCD	7-segment, 20mm(H) VFD
Power	AC 100/110/120/200/220/230/240V —15~+10% (50/60Hz)	AC Adaptor, C battery 5 6 or AD1681	AC 100/110/120/200/220/230/240V —15~+10% (50/60Hz)
Consumption	30VA	DC 9V 100mA	30VA
Battery life (Alkaline battery)	–	180H (1 Load Cell) 70H (4 Load Cell)	–
Operating Temperature	—10~+40°C (14°F~104°F)		
Operating Humidity	Less than 85% RH (non-Condensing)		
Physical Dimensions	275(W) 5 111(H) 5 159(D) mm 10.83(W) 5 4.37(H) 5 6.26(D) inches	192(W) 5 96(H) 5 87(D) mm 7.56(W) 5 3.78(H) 5 3.43(D) inches	199(W) 5 206(H) 5 80(D) mm 7.83(W) 5 8.11(H) 5 3.15(D) inches
Net Weight	Approximately 1300g / 2.87 lb	Approximately 680g / 1.50 lb	Approximately 1950g / 4.30 lb

Options

AD-4405-03	RS-422/485 and Relay
AD-4405-05	RS232C, Relay and Control Input
AD-4405-06	Built-in Printer
AD-4405-07	Analog Output (A-20mA)
AD-4406-03	RS-422/485 and Relay
AD-4406-04	RS232C
AD-4406-05	RS232C, Relay and Control Input
AD-4406-07	Analog Output (A-20mA)
AD-4406-11	Display Stand
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

Specifications subject to change for improvement without notice.

* AD440567–ADCC–01–K01–02c03

AD-4405/4406/4407
Weighing Indicators

New, highly featured indicators give the range and flexibility to produce the weighing system to suit your application

AD-4405

AD-4407

AD-4406

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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

Rear Panel

With optional built-in printer

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 AC adapter
- F1, F2 selectable function keys
- Optional RS-232C
- Load cell 350Ω ✕ 4
- Optional stand available

Rear Panel

Panel Cutout
186 $^{+1.1}_{0}$(W) ✕ 92 $^{+0.8}_{0}$ (H) mm
7.32" $^{+0.04}_{0}$ (W) ✕ 3.62" $^{+0.03}_{0}$ (H) inches

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

Rear Panel

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/OK/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.

AD-4405/4406/4407
Weighing Indicators
+

LOAD CELL

LCB05 LC4221 LCC07 LCC11	Weighing Platform SB Series	LCB03 LCB04 LC4101 LC4102 LC4103	LC4204 LC4212 LCB04	LC5207 LC5217 LC2224 LCC11
Waterproof Weighing System	Bench Scale Platform Scale		Floor Scale	Truck Scale Tank Scale

APPLICATION