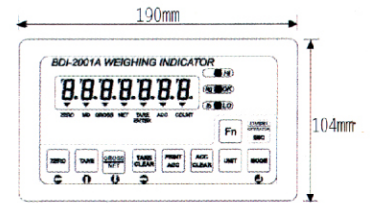


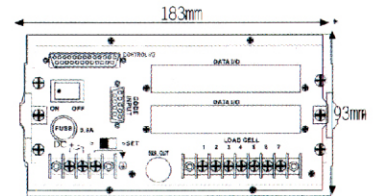
BDI-2001A series

Weighing Indicators

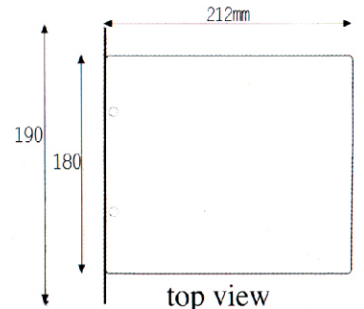
Full digital setting and calibration
 Drive up to 8 parallel connection load cells
 15,000 division display resolution
 Weighing check



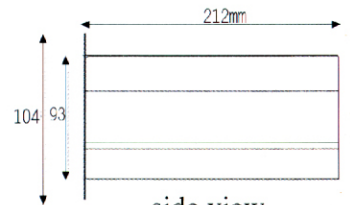
front view



back view



top view



side view

Unit:mm

Characteristics:

1. The BDI-2001A is build for regular AC operation and a wide variety of factory preset voltages are available.
2. BDI-2001A-Load cell excitation voltage of 12V/DC with the capability of driving up to 8 load cells (350Ω) in parallel. High 180,000 count internal resolution and a 15,000 display resolution delivers for the most demanding applications.
3. No need to repeatedly load and unload the calibration weight. Full digital calibration makes setting zero and span a breeze now with fine span adjustment. Calibration information is stored in non-volatile memory.
4. If provided with Li-battery back-up of 8K bytes SRAM. The information will not disappear even if power failure.
5. The settings of functions and weighing parameters are all stored in the EEPROM. The storage duration is over than 40years.
6. Two models provided with weighing check function. It can provide users with wide application. (the buzzer inside)
7. Users can adjust the intensity of digits filter to avoid mechanical vibration due to external operational environments to achieve high-speed and accurate measurement.
8. STANDAR OUTPUT:
 (a) The BDI-2001A supply 20mA current loop output capable of remote indicators.
 (b) A 25 pin din Socket is located on the rear panel for remote control of keyboard function.
9. OPTIONAL RS-232:- Bi-directional RS-232 can be connected to virtually and computer, printer or other peripheral.
10. It provides extended selective equipments:
 Printing output interface, to connect common printers or mini printers with various printing formats and styles.

Specifications input and A/D conversion

	BDI-2001A
Input sensitivity	> 0.6 μV/D
Zero adjustment range	0.6mV~24mV
Load cell excitation	DC 12V ± 5%, 300mA with temperature compensation, and load cell of 350 ohm.
Non-linearity	0.01% F.S
Input noise	± 0.3uv P-P
Input impedance	More than 10MΩ
A/D conversion type	Double-slope integration
A/D internal resolution	180000
Sampling speed	8 times/sec

Digital section:

	BDI-2001A
Power	AC 220V ± 10%, 50/60Hz, power dissipation of about 25VA
Weight	About 3.2kg (7,054 pound)
Operation temp range	-10°C ~ 45°C
Operation humidity	85%, prohibition from dew

Digital section:

	BDI-2001A
Maximum display resolution	1/15000
Weight display	7 digit with decimal point and triangle pointer
Under zero Indication	"-", minus sign
Minimum division	X1, X2, X5, X10, X20, X50
Decimal point placement	Up to 3 decimal digits without decimal point
Maximum display	750450

Stanard interface connector:

	BDI-2001A
Current loop	20mA output
INPUT	Zero Tare, Gross/Net, Acc, Print, Tare Clear, Contact of electric eye input

Options

OP-2 Serial output Interfac	RS232, 422/485
OP-3 Parallel output interface	Printer interface