Internal use only

1st Challenge OPTIMIZING GLOBAL CAS

Product introduction

CI200-A series

2010. May.

Marketing Div.

CAS

Contents

I Features

II Comparison

III Application

IV Options

V Dimensions

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Features

- ✓ High-Visibility LED/LCD display
- ✓ Numeric keys & function keys (All toggle rubber key)
- ✓ Various power supply
  (DC adaptor & Rechargeable battery or AA size dry battery* 6)
- ✓ Multi-Purpose Cradle
- ✓ Simple and prompt Full digital calibration.
- ✓ High A/D conversion speed (80 times/ sec)
- ✓ High resolution 1/30,000
- ✓ Multi-calibration (5 point input weight setup)
- ✓ Checker function(Checker/Limit mode) : Hi, Low, OK(only CI201-A / LCD)
- ✓ Weight back-up function
- ✓ Key hold function
- ✓ 4 & 6 wire load cell support
- ✓ Connectable with Max. 8 Load cells
- ✓ 2 serial ports
  (1 standard port, 1 additional port)
- ✓ Interface
  - Standard : RS-232C
  - Option : RS-422, RS-485

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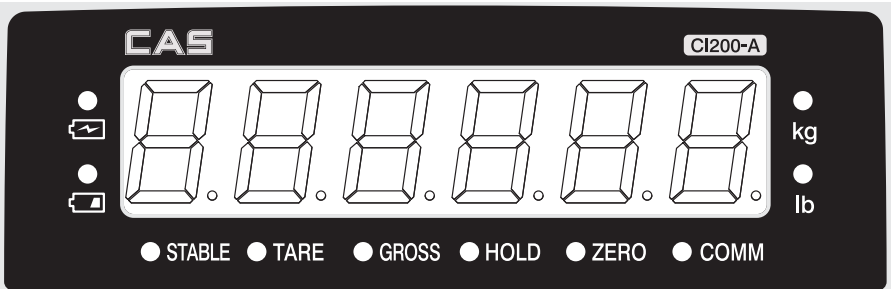
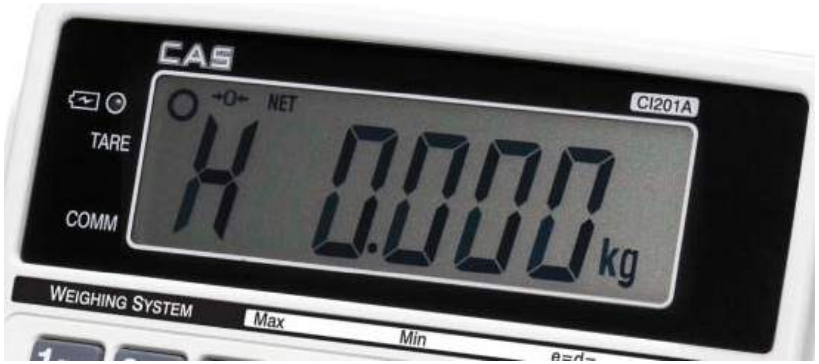
✓ High-Visibility display

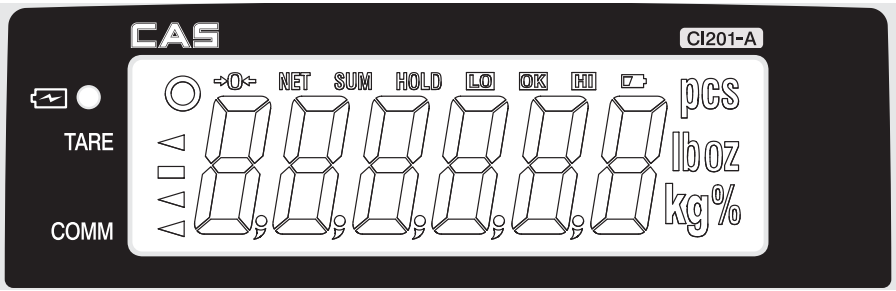
You can easily see the weight value in any distance via clear LED and LCD display.

LED display
(Height : 25mm , 6 digits)



LCD display
(Height : 24mm , 6 digits + sign)





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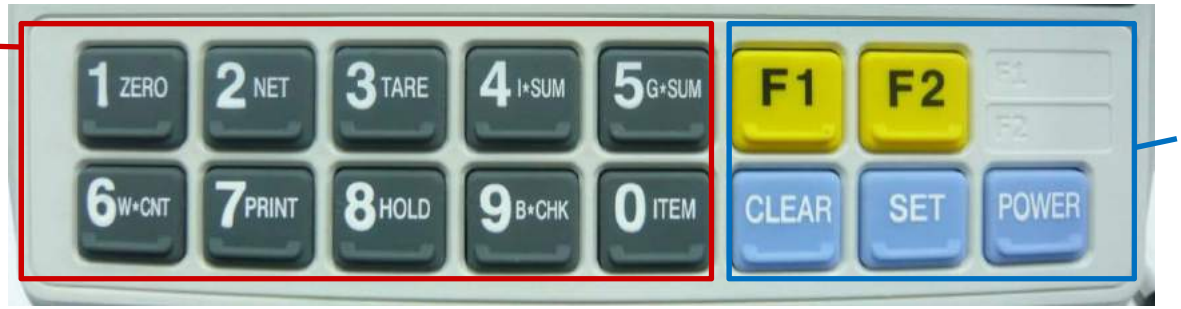
✓ 10 Numeric keys & 5 function keys of full rubber type

CI200's key offers a good key sensitivity and few slide when pressing key. you can easily input numerals and set the function of CI200-A series indicator via Numeric keys. also, through short cut keys (F1, F2), you can quickly and flexibly use the function that you want and often use.

Numeric keys



Function keys

< Key Code table for F1, F2 key >

Function Name	Key Code	Function Name	Key Code
Empty	00	Hold	08
Zero Point	01	Battery	09
Gross Weight * Net Weight	02	Item Number	10
Tare	03	High Limit (LCD, SC Only)	11
Subtotal	04	Low Limit(LCD, SC Only)	12
Grand Total	05	Tare Lease	13
Weighing Count	06	Piece Weight Value (LCD Only)	15
Print	07		

You can use F1, F2 by inputting the key code of the function you want.

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✓ Various power supply

CI200-A series indicator can be operated with both DC adaptor and rechargeable battery or AA size dry batteries X 6 (Option) .

so, it can be operated in any environments, whether external power supply is available or not.

DC Adaptor

Rechargeable battery

AA size Batteries

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✓ MPC™(Multi-Purpose Cradle)

All in one cradle, MPC(Multi-Purpose Cradle) enhances the usability of CI200-A series indicator.

MPC is designed that CI200-A series indicator can be used suitably for various applications.

1) A ratchet-type angle adjustment ensures that viewing angle can be set securely and lasts a long time .

2) CI200-A series indicator can be hung on the wall and placed on the floor via MPC.

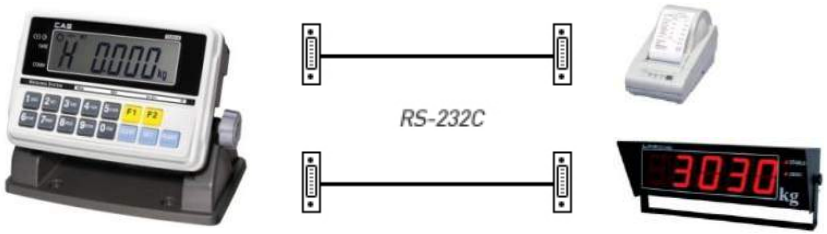
✓ 2 serial ports (1 standard port, Option : 1 additional port)

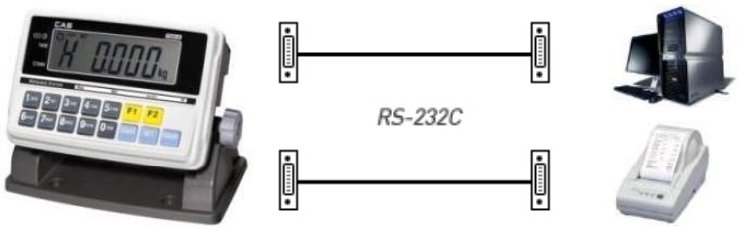
2 serial ports offer various weighing solution-capabilities.

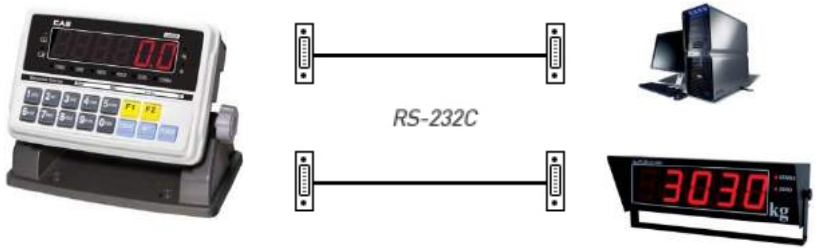
CI200 series indicator can be connected with

2 external equipments simultaneously.

Connection diagram







Comparison with CAS Indicators

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	CI-2001 SERIES ABS type		NT-200 SERIES ABS type		CI200 SERIES ABS type	
	CI-2001A	CI-2001B	NT-200A	NT-201A	CI200-A	CI201-A
Load Cell input voltage	DC 5V		DC 5V		DC 5V	
Load Cell Connection (350 ohm)	4 ea		6 ea		8 ea	
Supportable Loadcell	4 wire loadcell		4 / 6 wire loadcell		4 / 6 wire loadcell	
Zero Calibration	0.05~5 mV		0.05~5 mV		2 mV/V	
Input Sensitivity	1 μV/D		2 μV/D (OIML/NTEP/KS) 0.5 μV/D (Non Approval)		Over 2 μV/D (OIML/NTEP/KS) 0.5 μV/D (Non Approval)	
A/D Internal Resolution	1/130,000		1/200,000		1/520,000	
A/D External Resolution	1/10,000		1/5,000 (OIML/NTEP/KS) 1/20,000 (Non Approval)		1/10,000 (Approval) 1/30,000(Non approval),	
A/D Conversion Speed	10 times/sec		60 times/Sec.		80 times/Sec.	
Battery life (Continuous)	-		-		Approx. 33 hours	Approx. 25 hours
Battery charging time	-		-		Approx. 12 hours	

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Comparison with CAS Indicators

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		CI-2001 SERIES ABS type		NT-200 SERIES ABS type		CI200 SERIES ABS type	
		CI-2001A	CI-2001B	NT-200A	NT-201A	CI200-A	CI201-A
Key		6 function keys		6 function keys		Numeric key & 5 function keys	
Display	Display Type	LED	LCD	LED	LCD	LED	LCD
	Digits	6 digit				6 Segment 1 inch LED	6 digit (with Led Backlight)
Power		DC12V		DC 9V /AC 230V		DC 12V Adaptor, 6V rechargeable Pb Battery or AA size dry battery*6(Option)	
Operating Temp.		-10 ℃ ~ 40 ℃					
Dimension (WxDxH)		186 x 58 x 85		200 x 52 x 96 (A)		206 x 91 x 139 (A)	
Product weight		0.5 kg		0.5 kg		approx. 0.5kg	
Interface	Standard	RS-232C					
	Option	RS-422, RS-485				RS-422, RS-485	
	Serial port	1ea				Standard 1ea / Option 1ea	
Approval	OIML	●	●	●	●	●(Plan)	●(Plan)
	NTEP	●	●			●(Plan)	●(Plan)
	CE	●	●	●	●	●(Plan)	●(Plan)

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Comparison with Competitor's Indicators

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	TI-1600 (Transcell)	PUE C/31 (Radwag)	CI200 series(CAS)
Picture			
Certification	NTEP	OIML	OIML/NTEP(Plan)
A/D Resolution	NTEP : 1/10,000 Non-NTEP: 1/50,000	OIML: 1/6,000	OIML: 10,000 Non-OIML: 30,000
A/D conversion Speed	25 times / sec		80 times / sec
Loadcell excitation	DC 10V	DC 5V	DC 5V
Loadcell Connection(350Ω)	8 EA	4 EA	8 EA
Quantity of Key	10 Numeric keys, 8 function keys	5 function keys	10 Numeric keys, 5 function keys
Display	1inch, 6-digit LED(Green)	LCD	1 inch, 6 digit LED 1 inch, 6 digit LCD
Input range	0.2~3.0mV/V		0~3.2mV/V
Input sensitivity	1.0μV/D	3.2 μV/D	2.0 μV/D
Power	AC 110/220V (Standard) DC 12V (Optional)	AC 240V/ AC 11V 6 X AA size rechareable batteries 6 X AA size dry batteries	AC 110/240V / DC 12V adaptor 6V Rechargeable battery 6 X AA size dry batteries
Interface	RS-232C, 20mA current loop	RS-232C	RS-232C(Standard), RS-422/485(option)

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Application

✓ CI200 series indicator can be used suitably in various applications of CAS

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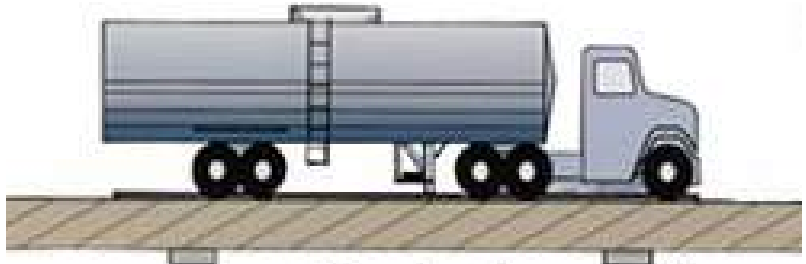
Application(Case)

Communication Cable

Communication Cable

Communication Cable



Loadcell Cable

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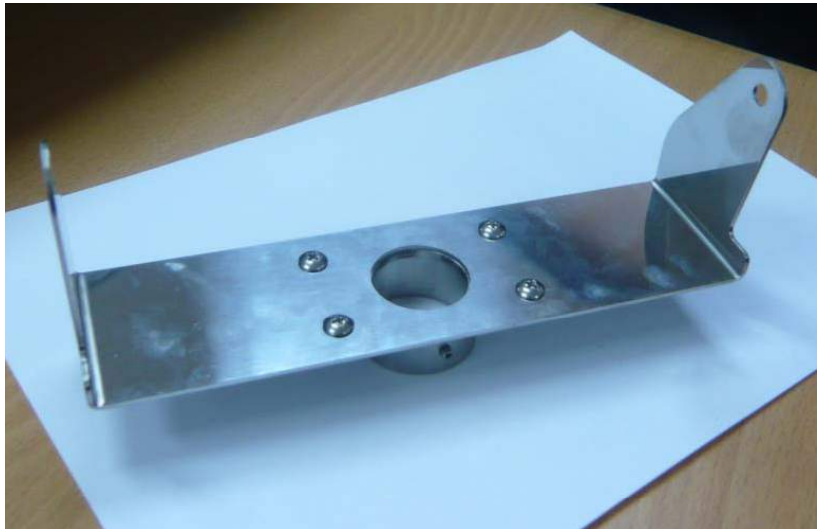
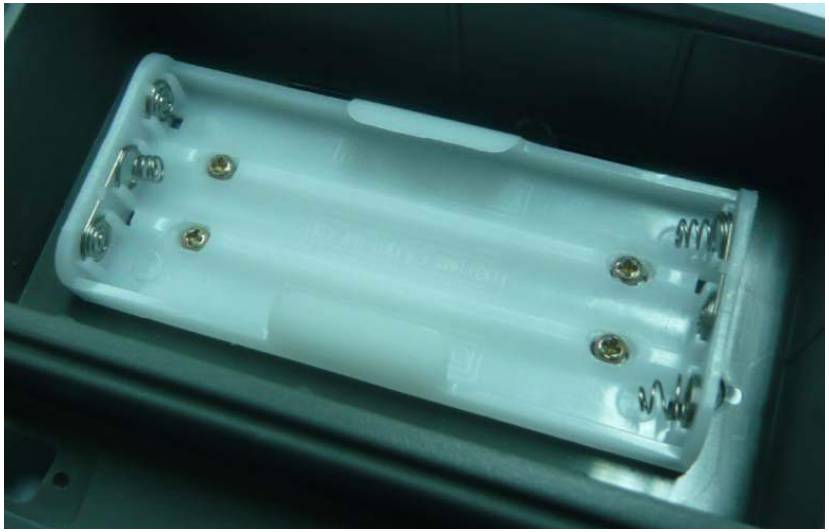
Options

Pole bracket



Battery holder (for dry batteries)



Remote display

CD series

Printer

DLP-50(Label)

DEP-50(Ticket)

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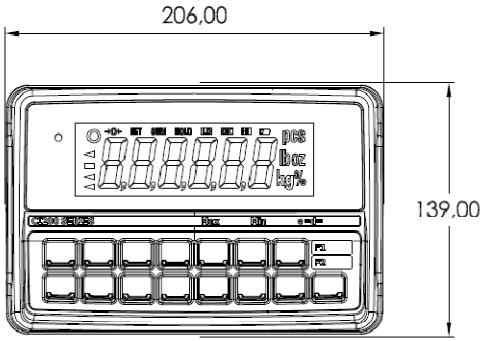
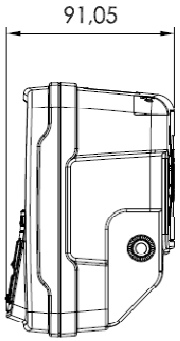
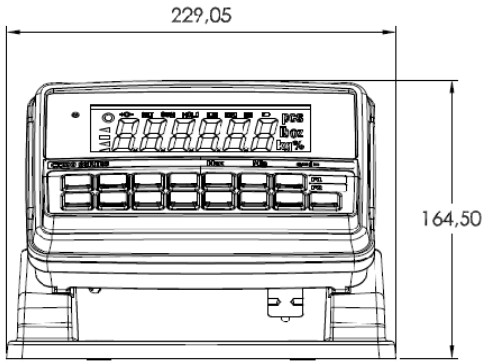
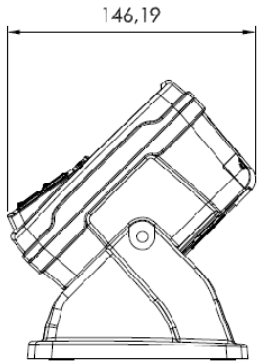
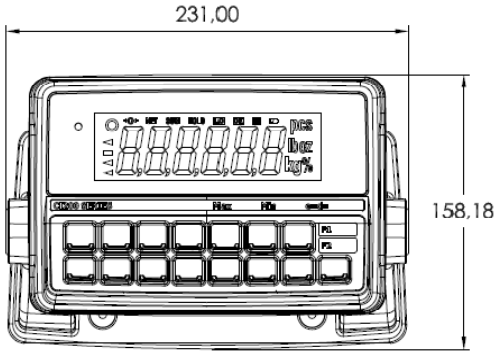
Dimensions(mm)

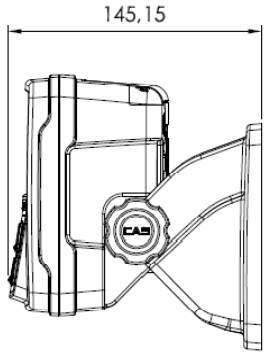












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