

*A Weighing Indicator Designed for CC-Link*

# AD-4408C

- *Direct connection to CC-Link with the CC-Link interface (provided as standard)*
- *Simple design to facilitate connection to a PLC*
- *High-speed (100 times/sec.), highly-accurate performance*
- *Compact, lightweight body makes it ideal for mounting into a control panel*
- *Dust and water-proof display (when mounted into a panel)*
- *Up to 64 units can be connected with one master unit (when configured with the AD-4408C)*

CC-Link



**AND**

A&D Company, Limited  
<http://www.aandd.jp>

*...Clearly a Better Value*

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## Specifications

### ■ Analog Unit

Minimum input sensitivity	0.15μV/d
Zero adjustment range	-35mV to +35mV (-7mV/V to +7mV/V)
Load cell excitation	DC5V±5%, 120mA
	Equipped with remote sensing
	Up to 8 load cells(350Ω) can be connected.
Temperature coefficient	Zero; ±0.02μV/°C (Typ.)
	±0.1μV/°C (Max.)
	Span; ±3ppm/°C (Typ.)
	±15ppm/°C (Max.)
Non-linearity	0.005% of F.S.
Maximum input noise	0.3μVp-p
Maximum measurement voltage	-35mV to +35mV (-7mV/V to +7mV/V)
Minimum input impedance	10MΩ
A/D conversion method	Sigma Delta
A/D resolution	Approx.16,000,000 counts
Maximum display resolution	999,999d (Less than 20,000d recommended)
A/D conversion rate	100 times/sec.
Calibration	Actual load calibration or digital span calibration without actual load

### ■ Digital Unit

Display element	Measurement data display: 7-segment 6-digit green LED with 14.6mm high characters
	Polarity display: Green LED (1)
	Status display: Red LEDs (6)
Measurement data display unit	Switch to net weight value (NET) or gross weight value (GROSS). Display range: 0 to 999,999d (Select division from 1, 2, 5, 10, or 50)
	Units: Affix a "g" "kg" or "t" unit sticker
Status display	ZERO, STABLE, GROSS, NET, HOLD, and <input type="checkbox"/> (selected function in operation)

### ■ External I/O

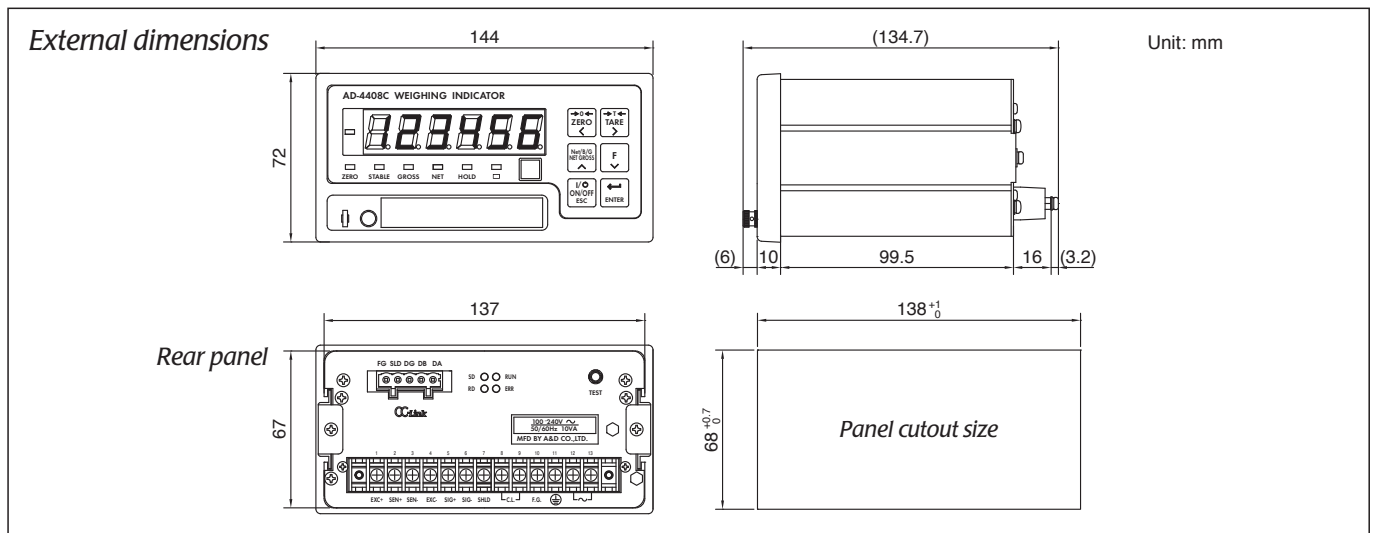
CC-Link I/O	Up to 64 devices can be connected with one master unit by selecting the number of occupied stations when configured with the AD-4408C.
Standard serial output	20mA current loop signal (exclusive output for A&D peripheral devices)

### ■ General specifications

Power	AC100 to 240V (±10%) (50/60Hz)
Power consumption	Approx.10VA
Operating temperature and humidity	-10°C to 40°C/85%RH or less (no condensation)
Physical dimensions	144(W) × 72(H) × 135(D) mm (including protruding parts)
Panel cutout size	138 × 68 mm
Dust and water-proof	The IP65 display is dust and water-proof when mounted into a panel (When the provided rubber packing is affixed)
Weight	Approx. 800g

### ■ Standard Accessories

Instruction manual, connector for CC-Link, rubber packing,  
terminal strip cover, capacity plate and unit stickers



Appearance and/or specifications subject to change for improvement without notice.

# A&D

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