

PANEL-MOUNT THERMAL PRINTER

AD-8118D



Features

Date and Time Printing

Equipped with a calendar clock that automatically prints the date and time.

High-Speed Thermal Printing

Utilizes a 24-digit thermal printing mechanism with a printing speed of approximately **4.0 lines/second**.

Data Accumulation & Statistics

Features functions for total (grand total) printing, subtotal printing, and statistical results printing by code number.

Totals and subtotals are stored in non-volatile memory and are retained even when the unit's power is turned off.

Versatile Print Options

Manual printing

Print when the [PRINT] key is pressed or a print command is received via control input

Automatic printing

Print when weighing data is received from an external device

Interval printing

Print at set time intervals

Dump printing

Print received data exactly as received

Customizable Output

Offers a programmable print format, allowing users to edit and customize printed content.

Built-in interface

RS-232C or current loop (serial input) (switchable)

Print Examples

SUB TOTAL	
2023/ 1/ 1 18:00	
CD 1	1T
	100000kg
CD10	2T
	200000kg
CD99	3T
	300000kg
6T	600000kg
MAX	105000kg
MIN	95000kg
AVE	100000kg
σ_{n-1}	3162kg
R	10000kg

GRAND TOTAL	
2023/ 1/ 1 18:00	
CD 1	1T
	100000kg
CD10	2T
	200000kg
CD99	3T
	300000kg
6T	600000kg
MAX	105000kg
MIN	95000kg
AVE	100000kg
σ_{n-1}	3162kg
R	10000kg

Total by code number

Total

Printed every time.

Statistical results

MAX: Maximum addition value

MIN: Minimum addition value

AVE: Average value

σ_{n-1} : Sample standard deviation

(when F-34 = 1)

σ_n : Population standard deviation

(when F-34 = 2)

R: Difference between the maximum

and minimum addition values

PANEL-MOUNT THERMAL PRINTER

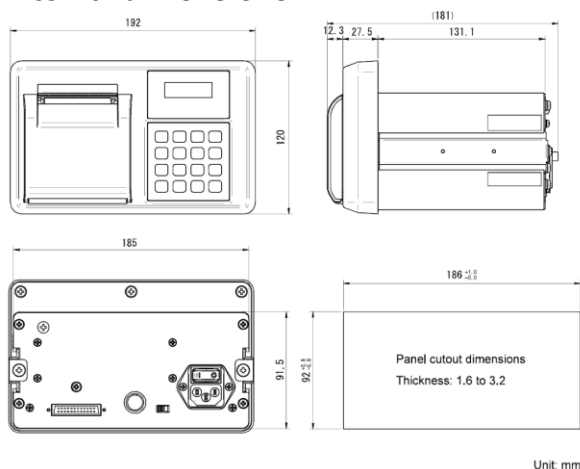
AD-8118D



Specifications

External dimensions	192 (W) × 181 (D) × 120 (H) mm
Installation method	Panel mounting
Operating temperature and humidity range	5 to 40 °C, 80 % RH or less, no condensation
Power supply	
Power supply voltage	100 to 240 VAC +10 %/-15 %, 50/60 Hz ±5 %
Maximum apparent power	25 VA
Inrush current	100 V AC: 15 A or less 230 V AC: 35 A or less
Fuse	Internal (not user-replaceable)
Printer	
Printing system	Thermal printer (direct thermal printing)
Printing width	Standard character: 12 × 24 dots, 24 columns/line Enlarged character: 24 × 24 dots, 12 columns/line
Character size	Standard character: 1.5 (W) × 3.0 (H) mm Enlarged character: 3.0 (W) × 3.0 (H) mm
Printing speed	Approx. 4.0 lines/sec
Printer paper	Width of roll paper 58 mm, 1 roll included as standard
Display	LCD display, 16 columns, 2 lines (Character width: 1.86 × height 4.56 mm)
Key switches	16
External input/output	
Serial input	Current loop input/RS-232C
Serial output	Current loop output
Non-voltage contact input	16 points
NPN open collector output	2 points

External dimensions



Standard accessories

Name	A&D product number	Qty.
Power cable	*	1
Ground adapter	1ETMK-18	(1 *)
Printer paper (1 roll included)	AX-PP147-S (Set of 5 rolls)	1
Rubber foot	110SJ-5023	4
Round DIN connector 7 pins (soldered connection)	1JATCP0576	1
Control I/O connector cover	1JI360C024-B	1
Control I/O connector (soldered connection)	1JI361J024-AG	1
Simplified instruction manual (this document)	1WMPD4005326	1

* Determined by the modification code.

Optional accessories

AX-PP147-S Thermal printer paper (5 rolls)



Discover Precision

A&D Company, Ltd. (JAPAN)
URL: aandd.jp

A&D Engineering, Inc. (USA)
URL: andonline.com

A&D Australasia Pty Ltd. (Australia)
URL: andaustralasia.com.au

A&D Instruments Ltd. (United Kingdom)
URL: andprecision.com

A&D Korea Ltd. (South Korea)
URL: andk.co.kr

A&D Rus Co., Ltd. (Russia)
URL: and-rus.ru

A&D Instruments India (P) Ltd. (India)
URL: aanddindia.in

A&D Sciencetech Taiwan Ltd. (Taiwan)
URL: aandd.com.tw

A&D Instruments Thailand Ltd. (Thailand)
URL: thai.andprecision.com

A&D Technology Trading (Shanghai) Co., Ltd. (China)
URL: aanddtech.cn