

PANEL PRINTER

CT-P291/293

The CT-P291/293 is a rack mountable thermal panel printer, with easy drop-in paper loading. It is widely applicable in various kinds of data logging and measuring applications.

SPEED
150 mm/sec. MAX

High speed printing

High speed (150mm/sec) printing.

Splash proof

Splash-proof design of panel, against vertical drips (Conforms IEC60529 IPX1)

Low temperature
-20°C

Durability

Operates even under extreme temperatures (-20°C to 50°C)



Paper Roll
58 mm
CT-P291

Paper Roll
80 mm
CT-P293

Receipt

Ticket

Kiosk

Barcode printing

2D QR-code
PDF417
printing

→ P7-8

SPEED
150 mm/sec. MAX

PAPER
DROP IN

SPLASH
PROOF

Driver

Win 7 CUPS

Interface

Serial Parallel USB

→ P42

Standard Accessories

Wiring cable (NN type)

Wiring cable (DC type)

Ferrite core

Mounting attachment

Screws for fixing mounting attachment

Wire clamp

Sample paper roll

CD-ROM (Driver/Manual/Utility software)

Quick start guide

DC type only

Power connector board

Power connector board cover

Screws for mouting Power connector board

Optional Accessory

AC adaptor 36AD2 (TA69904) (for DC type)

Features

Easy paper loading

Just insert paper in and close the front cover



- Small and compact design
- Clamshell structure facilitates paper handling and head cleaning
- Splash-proof design of panel, against vertical drips (IEC60529 IPX1)
- High speed 150mm/sec printing
- Durable to low temperature operation down to -20°C
- Equipped with auto cutter (Full or partial cut)
- A variety of multiple choices of functions by memory switch
- Registration of user-defined characters and logos into flash memory
- Page mode offers to arrange pages freely
- 1D and 2D bar codes available

Customization / Utility

- Printer customization

→ P43-44

Specifications

	CT-P291	CT-P293
Printing method	Line thermal dot printing method	
Print width	54mm (default 51mm)/432 dots, 72mm/576 dots	
Dot density	8 x 8 dots/mm (203 dpi)	
Print speed *1	150mm/sec. 1200 dot-lines/sec.	
Number of print columns	Font A: 34 columns (default) Max. 36 columns	Font A: 48 columns
	Font B: 45 columns (default) Max. 48 columns	Font B: 64 columns
	Font C: 51 columns (default) Max. 54 columns	Font C: 72 columns
Character size *2	Font A: 12 x 24 dots, 1.50 x 3.00mm	
	Font B: 9 x 17 dots, 1.13 x 2.13mm	
	Font C: 8 x 16 dots, 1.00 x 2.00mm	
Character type	Alphanumeric, international (12 characters x 16 countries), PC437/850/852/857/858/860/863/864/865/866/WPC1252/katakana/Thai code 18	
User memory	256 KB (capable of storing user-defined characters and logos)	
Bar code types	UPC/A/E, JAN (EAN) 13/8 columns, ITF, CODE39, CODE128, CODEBAR, CODE93, PDF417, QR Code	
Line specing	4.25mm (1/6 inch) (changeable using commands)	
Paper roll	Paper width 48 to 58mm	Paper width 58 to 80mm
Interface *3	Serial (RS-232C compliant), Parallel (Centronics or IEEE 1284 nibble mode compliant), USB	
Buffer size	4 k bytes/45 bytes (Parallel is only for 4K setting)	
Supply voltage	DC 24V±10%, Current consumption: 1.9A (9A at peak)	
Power consumption	Approx. 1.9A (Peak), 80mA (standby)	
Weight (approx.)	700 g	800 g
Outside dimensions	107 (W) x 120.5 (D) x 109 (H)mm	127 (W) x 120.5 (D) x 109 (H)mm
Operating temperature and humidity *4	-20 to 50°C (0 to 45°C: in the use of 36AD2), 35 to 85% RH (no condensation)	
Storage temperature and humidity	-20 to 60°C, 10 to 90% RH (no condensation)	
Reliability *5	Print head life: 100 km, 100 million pulses Auto cutter life: 1 million cuts (with 65µm paper with full cutting)	
Safety standard *6	UL, C-UL, FCC Class A, TÜV-Bauart, CE-Marking	

*1: The print speed is available under the condition of 24.0V, 25°C and print duty of 12.5%. Print speed may be delayed by the setting of print conditions or by the combination of commands.
*2: As space for internal space of character font is included, actual character is smaller than those in the above table.
*3: Interface installed varies by model category.
*4: Print quality may partly be out of warranty.
*5: At normal temperature/humidity, using recommended paper and paper thickness.
*6: Compliant if the Citizen Systems AC adaptor (36AD2) is used.

Model classification
CT-P291 PR U WH NN
1) 2) 3) 4) 5)

1) Model
1: 2 inch
3: 3 inch

2) Interface
PR: Serial + Parallel
UB: USB only (option)
AL: Serial + Parallel + USB

3) Market
U: International

4) Body case color
WH: White

5) Wiring cable
NN: Standard harness
DC: HOSHIDEN connector use