CITIZEN
Micro HumanTech

CBM-291, CT-P293, CBM-920II

POS

Well built in
The panel mount solutions from Citizen

CT-P293

Thermal or Impact

Thermal (CBM-291/CT-P293) or impact (CBM-920II) printing Citizen panel mount printers fulfill your requirements.

Easy paper handling

Whereas the CBM-920II and the CBM-291 offer paper auto loading the CT-P293 is a rack mountable thermal panel printer, with easy drop-in paper loading.

Wider operating temperature

The CT-P293 thermal printer has an operating temperature down to -20°C.

Splash-proof design

The splash-proof design of the CT-P293 protects the printer against vertical drips. It is compliant with JIS Class 1.

Applications

- Receipt
- Coupon
- Ticket
- Daily report
- Kiosk
- Kitchen
- Credit/Debit
- Delivery slip
- Journal
- Barcode (CBM-291/CT-P293)
- Industrial machine
- Weigh scales

CT-P293

CBM-920II

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Specifications

Model	CBM-291	CT-P293	CBM-920 II
Printing method	Line thermal dot printing		Serial dot impact
Printing width	52mm, 416 dots	72mm, 576 dots	57.5mm
Printing speed	Max. 50mm/sec	Max. 150mm/sec	24 col = 2.5 lines/sec
Number of columns	Font A: 34 columns Font B: 46 columns	Font A: 48 columns Font B: 64 columns Font C: 72 columns / Max 54 columns	24/40 columns
Character size (WxH)	Font A: 1.25 x 3.00mm (12 x 24 dots) Font B: 0.88 x 2.13mm (9 x 17 dots)	Font A: 1.25 x 3.00mm (12 x 24 dots) Font B: 0.88 x 2.13mm (9 x 17 dots) Font C: 1.00 x 2.00mm (8 x 16 dots)	24 col = 1.62 x 2.4mm 40 col = 1.08 x 2.4mm
Dot pitch/Character pitch	24 col = 1.98mm		24 col = 1.98mm 40 col= 1.19mm
Barcode type	UPC-A/E, JAN (EAN)-13/8, ITF, Code 39, Code 128, CODEBAR, PDF41 (CT-P293 only), QRCODE (CT-P293 only)		
Line spacing	4.23mm (1/6 inch); can be set by a command. (Min. 1/203 inch)		Character =3.52mm Graphic 2.4mm
Paper	58 x Max. Ø50mm	80 x Max. Ø50mm	57.5
Interface **Input buffer**	Parallel (Centronics), Serial (RS-232C) 4K bytes	Parallel (Centronics), Serial (RS-232C), USB	Parallel (Centronics), Serial (RS-232C) 2k bytes
Power supply	DC5V and DC24V	Input voltage: DC24V ± 10%, Current consumption: 1.9A (9A at peak)	DC/V
Weight	Approx. 560g	Approx. 800g	0.47kg
Dimensions (W x D x H))	106x109x99mm	127x120.5x109 mm	106x180x88mm
Operating temp. ranges	5~40°C	-20~50°C, 10 to 85%RH (No condensation)	0 to 40°C
Storage temp. range	-20~60°C		-20 - 60°C
Reliability	Thermal head 50,000,000 pulses or 30 KM Auto cutter: 300,000 cuts (at normal temperature/humidity with recommended paper used, Paper thickness: 0.065mm)	Thermal head 100,000,000 pulses or 100 KM Auto cutter 1 million cuts	Printer: 1.5 million lines
EMC and safety standards	FCC class A, TUV-Bauart, CE marking	UL, C-UL, FCC class A, TUV-Bauart, CE marking	FCC class B

Type Classification

CBM-291 F DC
1) 2) 3)

1) Model type CBM-291 (58mm)
2) Character set F: International
3) Power source DC: No AC adapter

CT-P293 AL U WH NN
1) 2) 3) 4) 5)

1) Model type CT-P293 (80mm)
2) Interface AL: (Serial + Parallel + USB)
3) Market U: (international)
4) Body case colour WH: White
5) Wiring cable NN: standard harness type, DC: Hoshiden connector type

CBM-920II-24 R F 230
1) 2) 3) 4) 5)

1) Model type CBM-920 Type II
2) Number of columns 24: 24 columns/144 dots, 40: 40 columns/180 dots
3) Interface P: Parallel (Centronics), R: Serial (RS-232C)
4) Character set F: International
5) Power source DC: DC 5V

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Features

CT-P293

- Compact design
- Panel mounting
- 150 mm/sec. printing speed
- Easy drop-in paper loading
- 1D and 2D barcode printing
- ESC/POS compatibility
- Auto cutter
- Low temperature operation down to -20°C
- Splash-proof design (JIS Class 1)
- DC 24V drive
- Parallel, serial and USB interface

CBM-920 II

- Palm size and Light weight
- Bit image graphics printing
- Memory switch function
- 2K bytes input buffer
- Panel mount
- Paper-near-end sensor
- Paper auto loading
- Paper-end sensor

CBM-291

- Compact design
- Panel mounting
- 50mm/sec printing speed
- Paper auto loading
- Barcode printing
- ESC/POS compatibility
- Auto cutter
- DC 24V drive
- Both parallel and serial interface

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