

CITIZEN

Micro HumanTech

Well built in The panel mount solutions from Citizen



CBM-293

Thermal or Impact

Thermal (CBM-291/293) or impact (CBM-920II) printing Citizen panel mount printers fulfill your requirements.

Paper Auto Loading

All panel mount printers offer paper auto loading. Easy operation means less down time for your machines.

CBM291, CBM293, CBM920 II

POS

Applications

- Receipt
- Coupon
- Ticket
- Daily report
- Kiosk
- Kitchen
- Credit/Debit
- Delivery slip
- Journal
- Barcode (CBM-291/293)
- Industrial machine
- Weigh scales



CBM-291



CBM-920II

CITIZEN

Micro HumanTech

Specifications

Model	CBM-291	CBM-293	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. 62.5mm/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	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)		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, CODABAR		-
Line spacing	4.23mm (1/6 inch); can be set by a command. (Min. 1/203 inch)	3.52mm	Character = 3.52mm Graphic 2.4mm
Paper	58 x Max. Ø50mm	80 x Max. Ø50mm	57.5
Interface	Parallel (Centronics), Serial (RS-232C)		Parallel (Centronics), Serial (RS-232C)
Input buffer	4K bytes		2k bytes
Power supply	DC 5V and DC 24V		DC/V
Weight	0.56kg	0.67kg	0.47kg
Dimensions (W x D x H)	106x109x99mm	126x109x99mm.	106x180x88mm
Operating temp. range	5~40°C		0 to 40°C
Storage temp. range	-20~60°C		-20 - 60°C
Reliability	Thermal head: 50,000,000 pulses or 30km) / 1.5 million lines Auto cutter: 300,000 cuts		Printer: 1.5 million lines
EMC and safety standards	FCC class A		FCC class B

Type Classification

CBM-291 F DC

1) _____ 2) _____ 3) _____

1) Model type
CBM-291 (58mm)
CBM-293 (80mm)

2) Character set
F: International

3) Power source
DC: No AC adapter

Type Classification

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

Features CBM-291/-293



- Compact design
- Panel mounting
- 50mm/sec (CBM-291) and 62.5mm/sec (CDM-293) printing speed
- Paper auto loading
- Barcode printing
- ESC/POS compatibility
- Auto cutter
- DC 24V drive
- Both parallel and serial interface

Features 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