

PANEL PRINTER

# CBM-920/291/293

# CITIZEN

Micro HumanTech

Leading Technology for Humanity



CBM-920



CBM-291



CBM-293

## Features

- Compact design
- Panel mounting
- High-speed line thermal printing (CBM-291/293)
- Paper auto loading
- Bar-code printing (CBM-291-293)
- Compatibility with ESC/POS\* (CBM-291/293)
- Auto cutter (CBM-291-293)
- No auto paper cutter model (CBM-290/292)

## Applications

- Receipt
- Coupon
- Ticket
- Daily report
- Kitchen
- Delivery
- Bar-code
- Industrial machine

## Specifications

Model	CBM-920	CBM-291	CBM-293
Printing method	Serial dot impact	Line thermal dot printing	
Printing direction	Left to right	-	
Font	5 x 8 matrix	8 dots/mm (horizontal and vertical)	
Number of columns	24/40 columns	Font A: 34 columns Font B: 46 columns	Font A: 48 columns Font B: 64 columns
Printing speed	24 col. = 2.5 lines/sec. 40 col. = 1.8 lines/sec.	Max. 50mm/sec.	Max. 62.5mm/sec.
Character size (W x H)	24 col. = 2.4 x 1.62mm 40 col. = 2.4 x 1.08mm	Font A: 1.25 x 3.00mm (12 x 24 dots) Font B: 0.88 x 2.14mm (7 x 19 dots)	
Line spacing	Character = 3.52mm Graphic = 2.4mm	4.23mm (1/6 inch), can be set by a command	
Character pitch	24 col. = 1.98mm 40 col. = 1.19mm	-	
Line feed speed	5.0 lines/sec.	-	
Bar-code type	None	UPS-A/E, JAN-13/8, Code 39, ITF, CODABAR, Code 128	
Paper	57.5 x Max. Ø50mm	58 x Max. Ø50mm	80 x Max. Ø50mm
Auto paper cutter	None	Equipped	
Input buffer	2K bytes	4K bytes	
Paper end detection	Equipped		
Ink ribbon	Purple, Cassette	-	
Power supply voltage	DC 5V ONLY	DC 5V and DC 24V	DC 24V
Weight	0.4kg	0.56kg	0.67kg
External dimension (WxDxH)	115 x 119 x 65mm	106 x 109 x 99mm	126 x 109 x 99mm
Operating temp. range	5~35°C	5~40°C	
Storage temp. range	-20~60°C		
Reliability	MCBF 1.0 million lines (40 columns)	Head: 50,000,000 pulses or 30km Cutter: 300,000 cuts	
Safety standard	FCC class A, TUV		FCC class A, TUV, CE marking

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(Rev.:2006.08)