

CBM-291/293



F Features

- Compact design
- Panel mounting
- High-speed line thermal printing
- Paper auto loading
- Bar-code printing
- Compatibility (ESC/POS)
- Auto cutter
- DC 24V drive
- No auto cutter model (290/292)
- Both parallel and serial interface

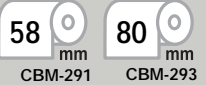
A Applications

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

Mechanism



Paper roll Paper roll



Type Classification

CBM-291 F

① ②

- ① Model type
291: Panel mount printer (58mm)
293: Panel mount printer (80mm)
- ② Character set
F: International
J: Japanese

Specifications

Model	CBM-291	CBM-293
Printing method	Line thermal dot printing	
Printing width	52mm, 416 dots	72mm, 576 dots
Printing speed	Max. 50mm/sec.	Max. 62.5mm/sec.
Number of columns	Font A: 34 columns Font B: 46 columns	Font A: 48 columns Font B: 64 columns
Character size (W × H)	Font A: 1.25 × 3.00mm (12 × 24 dots) Font B: 0.88 × 2.14mm (7 × 19 dots)	
Dot pitch	8 dots/mm (Horizontal and Vertical)	
Bar-code type	UPC-A/E, JAN-13/8, Code 39, ITF, CODABAR, Code 128	
Line spacing	4.23mm (1/6 inch), can be set by a command (Min. 1/203 inch)	
Paper	58 × Max. ø50mm	80 × Max. ø50mm
Interface	Parallel: Centronics Serial: RS-232C	
Input buffer	4K bytes	
Power supply voltage	DC 5V and DC 24V	DC 24V
Weight	0.56kg	0.67kg
External dimensions (W × D × H)	106 × 109 × 99mm	126 × 109 × 99mm
Operating temp. range	5 ~ 40°C	
Storage temp. range	-20 ~ 60°C	
Reliability	Head: 50,000,000 pulses or 30km Cutter: 300,000 cuts	
Safety standard	FCC class A, TUV, CE marking	

Further Information

Mechanism

LT-282
LT-381

Control Chip

CPU:
202PC-03A
202PC-02A
Gate Array:
202LA
→ 32P

Auto Cutter

AC-220
ACS-230
→ 33P