

Line Thermal Printers

CBM-230/231/232/233



CBM-230/232



CBM-231/233

F Features

- Compact design
- High-speed line thermal printing
- Paper auto loading
- Bar-code printing
- Cash drawer kick out
- Compatibility (ESC/POS)
- Auto cutter (CBM-231/233)

A Applications

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

Mechanism



•LT-380

Paper roll



Type Classification

CBM-231 R F 230

① ②③ ④

- ① Model type
230: No auto cutter model
231: Standard model
232: No auto cutter/ external power supply
233: Auto cutter/ external power supply
- ② Interface
P: Parallel
R: Serial RS-232C
- ③ Character set
F: International
J: Japanese
- ④ Power source
100: 100 V
120: 120 V
230: 230 V

Further Information

Mechanism

LT-380

Control Chip

Gate Array:
202LA
→ 32P

Auto Cutter

AC-132
ACS-232
→ 33P

Specifications

Model	CBM-230	CBM-231	CBM-232	CBM-233
Printing method	Line thermal dot printing			
Printing width	72mm, 576 dots			
Printing speed	Max. 62.5mm/sec., 500 dot-line/sec.			
Number of columns	Font A: 48 columns (42 columns by special EPROM) Font B: 64 columns (56 columns by special EPROM)			
Character size (W × H)	Font A: 1.25 × 3.00mm (12 × 24 dots) / Font B: 0.88 × 2.13mm (9 × 17 dots)			
Dot pitch	8 dots/mm (Horizontal/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	Thermal paper roll, 80mm × ø83mm			
Interface	Parallel: Centronics / Serial: RS-232C			
Input buffer	4K bytes			
Power supply	120V AC±10%, 60Hz 230V AC±10%, 50 or 60Hz		AC adapter	
AC adapter	—		Input: AC 100-240V, 50/60Hz, 120VA Output: DC 24V, 1.8A	
Weight	1.70kg	1.85kg	Main unit: 1.2kg (232), 1.3kg (233) AC adapter: 0.45kg	
External dimensions (W × D × H)	145 × 216 × 150mm		Main unit: 145 × 216 × 130mm	
Operating temp. range	5 ~ 40°C			
Storage temp. range	-20 ~ 60°C			
Reliability	Head: 50,000,000 pulses or 30km Cutter: 300,000 cuts (231)		Head: 50,000,000 pulses or 30km Cutter: 500,000 cuts (233)	
Safety standard	UL, C-UL, FCC class A, TUV-GS, CE marking			