

CBM 291 / 293

CITIZEN
Micro HumanTech



The Citizen Model CBM-291/293 Panel Printers are compact, high speed thermal line printers ideal for instrumentation, data collection, POS receipt and bar code printing applications, where the printer must be recessed or panel mounted. 34/46 or 48/64 columns of print are available on 58mm wide paper(CBM-291) or 80mm wide paper(CBM-293).

Excellent print quality is achieved through a print resolution of 8 dots/mm.

- Compact design
- Panel Mounting
- 4 Kb input buffer
- Supports most common bar code symbologies
- 8 dot/mm resolution
- Auto Paper Load
- RS232C or Centronics interfaces available
- ESC/POS Compatible
- Auto Cutter

Operating temperature	5 ~ 40 °C, 35 ~ 85 % RH (No dew condensation)
Storage temperature	-20 ~ 60 °C, 10 ~ 90 % RH (No dew condensation)
External dimension	126 (W) x 109 (H) x 99 (D) mm
Weight	Approx. 670g (Main body only) Fitting Metals: Approx. 53g AC adapter: Approx. 430g
Reliability	Printing head life: Pulse resistance --- 50,000,000 pulses (Print ratio: 12.5 %), Wear resistance --- 30km (With specified paper at normal temperature and humidity) Auto cutter life: 300,000 cuts

CBM 291- 293

Specifications

	CBM-291	CBM-293
Physical Characteristics		
Dimensions	106 mm (w) x 109 mm (d) x 99 mm (h)	126 mm (w) x 109 mm (d) x 99 mm (h)
Weight	0.56 Kg	0.67 Kg
Environmental		
Operating Temperature	5 - 40°C	
Storage Temperature	-20 - 60°C	
Electrical		
Required Power Input	5V DC & 24V DC	24V DC
Interface		
Serial	RS-232 (Standard)	
Parallel	Centronics (Special Order)	Centronics (Standard)
Input Buffer	4 kb	
Printing Specifications		
Print Method	Line Thermal Dot Printing	
Print Width	52mm, 416 dots	72mm, 576 dots
Print Speed	Max. 50mm/sec	Max. 62.5mm/sec
Columns	Font A: 34 Columns Font B: 46 Columns	Font A: 48 Columns Font B: 64 Columns
Character Size	Font A: 1.25 x 3.00mm(12 x 24 dots) Font B: 0.88 x 2.14mm(7 x 19 dots)	
Dot Pitch	8 dots/mm (Horizontal & Vertical)	
Printable Barcodes	UPC-A/E, JAN-13/8, Code 39, ITF, CODABAR, Code 128	
Paper Specifications		
Roll Width	58mm	80mm
Roll Diameter	50mm Max.	
Reliability		
Head	50,000,000 pulses or 30km	
Cutter	300,000 cuts	
Certifications	UL, C-UL, FCC class A, TUV	UL, C-UL, FCC class A, TUV, CE marking



TELPAR
187 Crosby Road
Dover, New Hampshire 03820
Tel: 800-872-4886 / 603-742-7095
Web: www.telpar.com
Email: info@telpar.com