

Line Thermal Printer

CT-S280 / CBM-270L

CITIZEN
Micro HumanTech

Leading Technology for Humanity



CT-S280

- 80 mm/sec printing speed
- 58mm paper width
- Easy paper loading
- Memory switch function
- Bitmap data registration (NV memory)
- Barcode printing
- ESC/POS compatibility
- Page mode
- Two color printing
- Wall mount installation
- Black case color is available

CBM-270L Label type

- 50 mm/sec printing speed
- Paper auto loading
- 2K bytes input buffer



CT-S280



CBM-270L (Label type)

Specifications

Model	CT-S280	CBM-270L
Printing method	Line thermal dot printing	
Printing width	48mm (384 dots/line)	
Printing speed	Max. 80 mm/sec (18.9 lines/sec)	Max. 50mm/sec 400 dot-line/sec (11 lines/sec)
Number of columns	Font A: 32 columns / Font B: 42 columns / Font C: 48 columns	Font A: 32 columns. Font B: 42 columns. Font C: 48 columns.
Character size (W × H)	Font A: 1.25 × 3.0 mm (12 × 24 dots) / Font B: 0.88 × 3.00 mm (9 × 24 dots) / Font C: 0.88 × 2.00 (8 × 16 dots)	Font A: 1.25 × 3.00 mm (12 × 24 dots) / Font B: 0.88 × 3.00 mm (9 × 24 dots)
Character table	Code page 437, 850, 852, 857, 858, 860, 863, 864, 865, 866, Katakana, WPC1252, Thai code 18	Code page 437
Dot pitch	8 × 8 dots/mm (203dpi × 203dpi)	
Barcode type	UPC-A/UPC-E/JAN/EAN-130/ITF/Code 39/Code 128/CODABAR/Code 128	UPC-A/E, JAN/EAN, ITF, CODABAR, CODE93, CODE128
Line spacing	4.23mm (1/6 inch), can be set by a command (Min. 1/203 inch)	
Paper	Size: 58 mm × ø83mm, Thickness: 0.065-0.075mm	Thermal roll paper: 58 × ø83mm (max.) Thickness: 0.065-0.075mm Thermal label paper: 58 × ø83mm (max.) Thickness: 0.150mm (max.) Label width: 56mm (max.) Label length: 25mm (min.)
Interface	Parallel (IEEE1284 compliant), Serial (RS-232C), USB	Parallel: Centronics, Serial: RS-232C
Input buffer	4K bytes / 45 bytes	2K bytes
NV user memory	256K bytes	—
Power supply	DC8.5V	DC 7.2V
AC adapter	Input: AC100-240V, Output: DC8.5V	Input: AC100-240V (2740), Output: DC7.2V (24Peak 6A)
Weight	Printer: Approx. 430g, AC adapter: Approx. 240g	Printer: Approx. 600g, AC adapter: Approx. 350g
Dimensions (W × D × H)	106 × 170 × 116.5mm	106 × 184 × 110mm
Operating temp. range	0 ~ 40°C, 10 ~ 85% RH (No condensation)	
Storage temp. range	-20 ~ 60°C, 5 ~ 90% RH (No condensation)	
Reliability	Thermal head: 100,000,000 pulse or 50 km	Thermal head: 50,000,000 pulses or 50km
EMC and safety standards	UL, C-UL, FCC class A, TUV-GS, CE marking	

Applications

- Receipt
- Kitchen
- Coupon
- Delivery
- Ticket
- Banking
- Daily report
- Medical equipment

Easy paper loading

CT-S280



Just drop paper in and close the top cover.

Mechanism

LT-286 for CBM-270L



Type Classification

CT-S280-RS-E

- | | | |
|--------------------------|---|--|
| 1) Model type
CT-S280 | 2) Interface
PA: Parallel
RS: Serial RS-232C
UB: USB | 3) Region
(Character + power cord)
E: Europe
U: North America |
|--------------------------|---|--|

CBM-270 R F 230-L

- | | | | | |
|--------------------------|--|--------------------------------------|---|----------------------------------|
| 1) Model type
CBM-270 | 2) Interface
P: Parallel
R: Serial RS-232C | 3) Character set
F: International | 4) Power source
120: 120 V
230: 230 V | 5) Label sensor
L: Label type |
|--------------------------|--|--------------------------------------|---|----------------------------------|

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