

CITIZEN

Micro HumanTech

Small but powerfull The ultra compact thermal printer for all kind of receipts



Standard type

Small but powerfull

Low Voltage & Autocutter

The CT-S281 is CITIZEN's first low-voltage-operated POS printer equipped with an auto cutter.

2-Dimensional Barcode

Unique in its class the CT-S281 is equipped with 2-dimensional barcode.



PDF417



QR code

CT-S280 / CT-S281

POS

Applications

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



Easy paper loading



CT-S280 in black



CT-S280 in white

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Specifications

Model	CT-S281	CT-S280
Print method	Line thermal printing method	
Print width	48 mm max. (384 dots/line)	
Print speed	80 mm/s (18.9 lines/sec.)	
Dot density	8 dots/mm 203 dpi	
Number print columns and character size	32 columns max. font A (12x24 dots) 42 columns max. font B (9x24 dots) 48 columns max. font C (8x16 dots) 16 columns max. Kanji font A (24x24 dots) 24 columns max. Kanji font B (16x16 dots)	
Character table	Alphanumeric, International characters, Code page 850,852, 857, 858, 860, 863, 864, 865, 866, WPC1252, Katakana, Thai code18, Kanji (JIS level 1, level 2), Kana, JIS C 6226-1983	
Barcode type	UPC-A/E, JAN (EAN) 13/8 columns, ITF, CODE 39, CODE 128, CODABAR, CODE 93, PDF417, QRCODE	UPC-A/E, JAN (EAN) 13/8 columns, ITF, CODE 39, CODE 128, CODABAR, CODE 93
Line spacing	4.2 3mm (1/6 inch): Settable by commands	
Emulation	ESC/POS-compliant	
Paper size	58 mm * φ83 mm max. Thickness: 60 to 100 μm	57.5mm±0.5 Thickness: 65 to 75 μm
Interfacing	Serial (RS-232C) USB (Printer class, Virtual COM)	Serial (RS-232C) Parallel (IEEE1284 compliant, Centronics compliant) USB (Virtual COM)
Input buffer	4K or 45 bytes	
Power supply	DC 8.5V	
AC adapter	Input: AC 100 to 240V, output: DC 8.5V	
Weight	Printer: Approx. 630g, AC adapter approx. 240g	Printer: Apprx. 430g, AC adapter approx. 240 g
Dimensions (WxDxH)	106x180x105 mm	106x170x116.5 mm
Operating temperature range	-20°C ~ 60°C, 10 to 90%RH (No condensation)	
Reliability Thermal head	100 million pulses or 50 km	
Auto cutter life	1 million cuts (65 μm ≤ Paper thickness ≤ 75 μm)	—
Safety standard	UL, C-UL, FCC Class B, TUV-GS, CE Marking, VCCI Class B	UL, C-UL, FCC Class B, TUV-GS CE Marking, VCCI Class A

Type Classification

CT-S280 RS E
1) 2) 3)

1) Model type

CT-S280
CT-S281 (incl. Autocutter)

2) Interface

PA: Parallel (IEEE1284) CT-S280 only
RS: Serial (RS-232C)
UB: USB

3) Destination

E: Europe
U: USA

Features



- Low Voltage operation
- 80mm/sec printing speed
- 58mm paper width
- Easy paper loading
- Cutter (full / partial) (CT-S281)
- Memory switch function
- Bitmap data registration (NV memory)
- Barcode printing
- 2-dimensional barcode (CT-S281)
- ESC/POS compatibility
- Page mode
- Two color printing
- Wall mount installation
- Available in white or black
- Driver: Win 2000/XP/VISTA/2003 Server, CUPS