CITIZEN
Micro HumanTech

CT-S280 / CT-S281(L)

POS

Small but powerfull

The ultra compact thermal printer for all kind of receipts and labels



CT-S281L

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

Label version
Label printing never has been so easy. Just connect to your PC and print on standard 2 inch labels.

Applications

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



Easy paper loading



CT-S280 in black



CT-S280 in white

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CITIZEN SYSTEMS EUROPE GmbH

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Specifications

Model	CT-S280	CT-S281	CT-S281L
Print method	Line thermal printing method		
Print width	48 mm max. (384 dots/line)		
Print speed	80 mm/s (18.9 lines/sec.)		60 mm/s (14,2 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	UPC-A/E, JAN (EAN) 13/8 columns, ITF, CODE 39, CODE 128, CODABAR, CODE 93, PDF417, QRCODE	
Line spacing	4.2 3mm (1/6 inch): Settable by commands		
Emulation	ESC/POS-compliant		
Paper size	57.5mm±0.5 Thickness: 65 to 75 µm	58 mm Thickness: 60 to 100 µm	
Label	–	–	Label width: 54mm (max) Label length: 25mm/pc (min)
Interface	Serial (RS-232C) Parallel (IEEE1284 compliant, Centronics compliant) USB (Virtual COM)	Serial (RS-232C) USB (Printer class, 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: Apprx. 430g, AC adapter approx. 240 g	Printer: Approx. 630g, AC adapter approx. 240g	
Dimensions (WxDxH)	106x170x116.5 mm	106x180x105 mm	
Operating temperature range	-20°C ~ 60°C, 10 to 90%RH (No condensation)		
Reliability – Thermal head	100 million pulses or 50 km		40 million pulse or 20km
Reliability – Auto cutter life	–	1 million cuts (Paperthickness 65 µm ≤ 75 µm)	400,000 cuts (with label paper)
Safety standard	UL, C-UL, FCC Class B, TUV-GS CE Marking, VCCI Class A	UL, C-UL, FCC Class B, TUV-GS, CE Marking, VCCI Class B	

Type Classification

CT-S281 RS E B P L M1
1) 2) 3) 4) 5) 6) 7)

1) Model type
CT-S280
CT-S281

2) Interface
PA: Parallel (CT-S280 only)
R: Serial (RS-232C)
UB: USB

3) Destination
E. Europe
U: USA
J: Japan

4) Colour
B: Black
W: White

5) Paper Near End sensor
P: PNE sensor (CT-S281 only)
None: Not equipped

6) Label option
L: Label version (CT-S281 only)
None: Not equipped

7) Black Mark Sensor
M1: BM sensor (CT-S281 only)
None: Not equipped

Features

Paper Roll 58 mm

- Low Voltage operation
- 80mm/sec printing speed (label version 60mm/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
- Label (CT-S281L only)
- Paper near end sensor (CT-S281)
- Black mark sensor (CT-S281L)
- Driver: Win 2000/XP/VISTA/ 2003 Server, CUPS

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