CT-S281 Thermal Printer

CITIZEN
Micro HumanTech

Leading Technology for Humanity

The CT-S281 is the industry's most advanced two-inch thermal printer. Featuring a powerful one-million cut rated auto-cutter that supports both full and partial cuts, hi-speed text and graphics, and two-dimensional barcode printing the CT-S281 packs a lot into small footprint package. Additional features include drop-in paper loading, expanded paper thickness range (0.06 to 0.1mm), and a paper out/near-end sensor.

The CT-S281 can be desktop or wall-mounted and comes with either a serial or USB interface, plus a complete drivers CD and downloadable customization utility to customize print speed, darkness, and default font.

The CT-S281 is covered by Citizen's full three year warranty and is also available in a label version for added flexibility.

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Features

- Compact design
- Auto-Cutter
- Drop-in paper loading
- Two-color printing
- 80 mm/sec print speed
- Low-noise printing
- Built-in input buffer
- Barcode printing
- Page mode
- Horizontal or wall-mount installation
- Customization Utility
- Label version available

Applications

- Retail/Small Footprint Applications
- Diagnostic/Testing equipment
- Coin-counting
- Data-logging
- Delivery Slip
- Coupon
- Ticketing

Specifications

Printing Method	Line thermal dot print method
Print Width	48mm/384 dots
Dot Density	8 (horizontal) X 8 (vertical) dots/mm (203 dpi)
Print Speed	80mm/sec.
Number of Columns	Font A: 32 columns; 12 x 24 dots Font B: 42 columns; 9 x 24 dots Font C: 48 columns; 8 x 16 dots
Character Size	Font A: 1.50 x 3.00mm, Font B: 1.13 x 3.00mm, Font C: 1.00 x 2.00mm
Character type	Alphanumeric, International, PC437, 850, 852, 857, 858, 860, 863, 864, 865, 866, WPC1252, Katakana, Thai code 18
User-defined Logo/Characters	User-defined characters and logos can be registered in flash memory.
Barcode Types	UPC-A/E, JAN (EAN) 13/8 columns, ITF, CODE 39, CODE 128, CODABAR, CODE 93, PDF417, QRCODE
Line Feed Pitch	4.23 mm (1/16 inch) User selectable
Paper Roll	Thermal paper roll: 58mm x 83mm OD Paper thickness: 0.06 - 0.1mm
Auto paper cutter	Method: Guillotine, full or partial cut
Interface	Serial (RS-232C compliant) or USB
Input Buffer	4k bytes/45 bytes
Supply Voltage	DC 8.5V±5%
Power Consumption	Standby: Approx. 2W, Printing: Approx. 18W (Approx. 26W max.)
AC Adapter Specifications	Rated input: AC 100-240V, 50/60Hz Rated output: DC 8.5V, 3A
Weight	Approx. 630g
Outside Dimensions (W x D x H)	106 x 180 x 105mm
Environment	Operation Temperature 5-40 C°, Humidity 10-85 RH% (no condensation) Storage Temperature -20 to 60 C°, Humidity 10-90 RH% (no condensation)
Reliability	Pulse Resistance: 1×10^8 pulses (printing rate 12.5%) Wear Resistance: 50km (normal temperature/humidity with recommended paper used) Auto Cutter: 1 million cuts
Safety Standards	UL, C-UL, FCC Class B, TUV, GS, CE marking

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