

CT-S310



*Standard Dual Interface*

## CT-S310 Two-Color POS Thermal Printer

The Citizen CT-S310 POS printer has it all: 150 mm/sec high-speed printing, the smallest footprint in its class and a dual-interface standard (USB + serial, parallel, or Ethernet) on all models. All this, plus it can be positioned horizontally, vertically, or even wall mounted for extra versatility.

Best of all, it comes with the features you have come to know and trust from one of the most respected names in POS printers: drop-in paper loading, a long-life paper cutter, barcode printing, and the industry's best three year warranty.

**CITIZEN**  
Micro HumanTech

*Leading Technology for Humanity*





**CT-S310 Two-Color, POS Thermal Printer**

*Shown with Optional Power Base (right)*

**Features**

- High speed, 150 mm/sec printing
- Dual-interface standard on all units (USB + serial, parallel, or Ethernet)
- Two-color and monochrome thermal printing
- Drop-in paper loading
- Barcode printing
- Internal buzzer
- Permanent logo storage
- Two cash drawer kick-out
- Available in black or cool white
- Programmable full or partial cut auto cutter
- 80mm or 58mm paper width
- Optional built-in AC power base available
- Horizontal, vertical and wall mount options
- Ships with Windows™ XP, VISTA, Server 2003, Linux and OPOS™ drivers and Customization Utility
- **Industry's Best Three-Year Warranty**

**Applications**

- Hospitality
- Retail
- Ticketing
- Kitchen Receipt
- Coupons

**Specifications**

Printing Method	Line thermal dot print method
Print Width	72mm/576 dots (48mm/384 dots)
Dot Density	8 (horizontal) X 8 (vertical) dots/mm (203 dpi)
Print Speed	150mm/sec. (Fastest, print density level 0), 1200 dot lines/s
Number of Print Columns ( ) Shows the Value with 58 mm Wide Paper	Font A: 48/42 (32/30) columns; 12 x 24 dots Font B: 64/56 (42/40) columns; 9 x 17 dots Font C: 72/63 (48/45) columns; 8 x 16 dots
Character Size	Font A: 1.50 x 3.00mm; Font B: 1.13 x 2.13mm; Font C: 1.00 x 2.00mm
Character Type	Alphanumeric, International, PC850/852/857/858/860/863/864/865/866/WPC1252/Katakana/Thai Code 18
User Memory	256 KB (Capable of registering user-defined characters and logos)
Barcode Types	UPC-A/E, JAN (EAN) 13/8 columns, ITF, Code 39, Code 93, Code 128, and CODABAR
Line Spacing	4.23mm (1/6 inch)
Paper Roll	Thermal paper roll: 80mm (58) x 83mm OD
Interface	Serial (RS-232C compliant), Parallel (IEEE 1284 compliant), USB, Ethernet
Cash Drawer Interface	2 cash drawers are supported
Input Buffer	4k/45 bytes, Parallel 4K bytes, USB 4k bytes
Supply Voltage	DC 24V ±7%
Power Consumption	Approx. 70W (in normal printing)
AC Adapter Specifications	Rated input: AC 100 to 240V, 50/60Hz, 150VA Rated output: DC 24V, 2A
Weight	Approx. 1.2 kg
Outside Dimensions (W x D x H)	145 x 195 x 121 mm (AC adapter type) 145 x 195 x 159 mm (Built-in power supply type)
Environment	Operation Temperature 5 to 40° C, Humidity 35-85 RH% (no condensation) Storage Temperature -20 to 60° C, Humidity 10-90 RH% (no condensation)
Reliability	Print head life: 100km, 1 x 10 <sup>9</sup> pulses (At normal temperature/humidity with recommended paper used) Auto cutter life: 1 million cuts (At normal temperature/humidity with recommended paper used)
Safety Standard	UL, C-UL, FCC class A, TUV, GS, CE marking

