

Specifications

CT-S851

Printing method

Line thermal dot print method

Printing width (*1)

80 mm / 640 dots, 72 mm / 576 dots, 64 mm / 512 dots, 54.5 mm / 436 dots, 54 mm / 432 dots, 52.5 mm / dots, 48 mm / 384 dots, 45 mm / 360 dots, 48.75 mm / 390 dots, 68.25 mm / 546 dots

Dot density

8 ?8 dots / mm (203 dpi)

Printing speed

Max. 300 mm/sec, 2400 dots lines / sec. (fastest, print density 100%)

Number of print columns (*2)

Font	Maximum number of characters (columns)				Dot configuration (dots)
	83mm	80mm	60mm	58mm	
Font A	53	48	36	35	12 ?24
Font B	71	64	48	46	9 ?17
Font C	80	72	54	52	8 ?16

Character size (W ?H) (*3)

Font A: 1.50 x 3.00 mm

Font B: 1.13 x 2.13 mm

Font C: 1.00 x 2.00 mm

Character type

Alphanumeric, International, PC437

PC850/852/857/858/860/863/864/865/866/

WPC1252/Katakana/Thai code 18

LCD

128 x 32 dots STN liquid crystal, white/red LED backlit

User memory

384 Kb (capable of storing user-defined characters and logos)

Barcode type

UPC-A/E, JAN(EAN) 13/8 columns, ITF, CODE 39, CODE 128, CODABAR (NW-7), CODE 93, PDF417, QR Code

Line spacing

4.23mm (1/6 inch) (changeable using commands)

Paper roll

Paper roll: 83mm, 80mm, 60mm, 58mm all +0mm/-1mm

Paper thickness: 0.065 - 0.075mm (core tube diameter: inner 12 mm/outer 18mm)

0.075 - 0.150mm (core tube diameter: inner 25.4 mm/outer 32 mm)

Interface

Serial (RS-232C compliant), Parallel (IEEE1284 compliant), USB, USB with hub, Ethernet, powered USB

Cash drawer kick-out

Supports 2 cash drawers

External device port

RJ-45, 8-pin connector

Buffer size

4K bytes / 45 bytes

Supply voltage

DC 24V ? 5%

Power consumption

Approx. 45 W (normal printing), 3W (standby)

AC adapter

Rated input: AC 100 to 240 V, 50/60 Hz, 150 VA

(36AD2, 36AD3)

Rated output: DC24 V, 2.1 A

Weight

CT-S851 (Built-in power supply type): 2.0kg

CT-S851N (No Power Supply): 1.6kg

Outer dimensions (W ?D ?H)

CT-S801 (Built-in power supply type): 145 ?192 ?148 mm

CT-S801N (No power Supply): 145 ?192 ?120 mm

Operating temperature and humidity

5 to 45 °C, 10 to 90 % RH (no condensation)

Storage temperature and humidity

-20 to 60 °C, 10 to 90 % RH (no condensation)

Reliability

Print head life: 150 km, 200 million pulses (at normal temperature and humidity using recommended paper)

Auto cutter life: 2 million cuts (at normal temperature and humidity using recommended paper)

Safety standards (*4)

UL, C-UL, FCC class A, TUV-Bauart, CE marking