

CITIZEN

Micro HumanTech

Specifications

Printing method		Line thermal dot printing			
Printing width		80mm/640 dots, 72mm/576 dots, 64mm/512 dots, 54.5mm/436 dots, 54mm/432 dots, 52.5mm/420 dots, 48mm/384 dots, 45mm/360 dots, 48.75mm/390 dots, 68.25mm/546 dots			
Dot pitch		8 x 8 dots/mm (203 dpi)			
Printing speed		Max. 300mm/s (print density 100%), 2400 dot-lines/s			
Number of columns		83mm paper: Font A – 53, Font B – 71, Font C – 80, 80mm paper: Font A – 48, Font B – 64, Font C – 72, 60mm paper: Font A – 36, Font B – 48, Font C – 54, 58mm paper: Font A – 35, Font B – 46, Font C – 52			
Character size (WxH)		Font A: 1.50 x 3.00mm (12 x 24 dots), Font B: 1.13 x 2.13mm (9 x 17 dots), Font C: 1.00 x 2.00mm (8 x 16 dots)			
Character table		Alphanumeric, international, PC437/850/852/857/858/860/863/864/865/866/WPC1252/katakana/Thai code 18			
Barcode type		UPC-A/E, JAN-13/8, Code 39, Code 128, CODABAR, Code 93, PDF417, QR Code			
Logo registration/print		384 KB (capable of storing user-defined characters and logos)			
Line spacing		4.23mm (1/6 inch), can be set by command			
Paper	Width	83mm/80mm/60mm/58mm (all +0/-1mm)			
	Diameter	maximum 83mm			
	Thickness	65-75µm (core tube diameter: inner 12mm/outer 18mm)			
		75-150µm (core tube diameter: inner 25.4mm/outer 32mm)			
		85-150 µm (CT-S851L model only)			
Recommended Paper	TF-50KS-E-2D from Nippon Paper, PD150R or PD160R from Ohji Paper, PA220AG, HP220A, HP220AB-1, F230AA, P220AB, or PB670 (2-color paper) from Mitsubishi Paper				
Interface		Serial (RS-232C compliant), parallel (IEEE 1284 compliant), USB, USB with hub, Ethernet, Wireless LAN (Wifi), powered USB			
Input buffer		4K bytes/45 bytes			
Drawer kick-out		2 drawers			
External device port		RJ-45, 8-pin connector			
Liquid crystal display (LCD)		128 x 32 dots STN liquid crystal, white/red LED backlight			
Power supply		Input: AC 100 to 240V, 50/60 Hz, 150 VA, Output: DC 24, 2.1 A			
Weight		CT-S851S: Approx. 2 kg, CT-S851A: Approx. 1.6 kg			
Dimensions (W x D x H)		CT-S851S: 145 x 192 x 148 mm, CT-S851A: 145 (W) x 192 (D) x 120 (H) mm			
Operating environment		5 to 45°C, 10 to 90% RH (no condensation)			
Storage environment		-20 to 60°C, 10 to 90% RH (no condensation)			
Reliability		Print head life: 150km, 200 million pulses (at normal temperature and humidity using recommended paper), Auto cutter life: 2 million cuts (at normal temperature/humidity, using recommended paper and paper thickness)			
EMC and safety standards		UL, C-UL, FCC Class A, TUV-Bauart, CE Marking			

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Type Classification

CT-S851S 3 RS E BK P L M1

1) 2) 3) 4) 5) 6) 7) 8) 9)

Accessories

Interface Connections

- Serial IF1-RS01
- Parallel IF1-PA01
- USB IF1-UB01
- Powered USB IF1-PU01
- USB incl. USB hub IF1-HU01
- Ethernet (Premium) IF1-ES01
- Ethernet (Compact) IF1-ET01
- Wireless LAN IF1-WF01



Exchangeable interfaces plus RJ-45 port

Customization Software



4) Interface

PA: Parallel
RS: Serial RS-232C
UB: USB only
UH: USB with hub

8) Label

No
L: Label type

ET: Ethernet (Compact type)
ES: Ethernet (Premium type)
UP: Powered USB
WF: Wireless LAN (Compact type)

9) Black Mark sensor

No
M1: Left side
M2: Right side

CT-S851

POS

Features



- 300mm / sec high-speed printing
- 82,5/80/60/58 mm selectable paper width
- Easy paper loading
- Auto retracting Cutter (full/partial)
- Snap-in cutter
- LCD display
- Built-in buzzer
- Front paper exit
- Splash proof design
- Paper roll capacity Ø 83mm
- Exchangeable interface cards
- RJ-45 port
- Built-in AC adaptor
- Cash drawer kick-out
- Bitmap registration (NV memory)
- Barcode printing
- ESC/POS™/® compatibility
- Page mode
- Two color printing
- Smoothing fonts
- Available in white, black or dark grey (option)
- Driver: Win2000/XP/Vista/2003 Server, OPOS, Java POS, CUPS
- Utility software: Printer customization software, Receipt Layout Designer