CITIZEN

Fast, easy and reliable
High speed printing with unique ease of use

CT-S801II
Also available with a white case

Customisable Display
The industry's first POS printer with LCD display shows clear messages for the operator. They can be customised per printer, for example: "Please replace roll. For more rolls, call support on Ex3165".

In a hurry?
Printing at 300mm/sec. gives market leading performance and produces a typical receipt in less than a second.

Tool-free maintenance
The self-retracting cutter clears paper jams automatically. But should the long-life cutter need to be replaced, no tools are needed and it takes just 30 seconds to clip-in a new one.

Internal Power Supply
The CT-S801II offers an internal power supply as standard or powered USB options.

Applications
- Receipts
- Coupons
- Daily Reports
- Kitchen orders
- Delivery slips
- Weigh scales
- Kiosks
- Queue management

Easy-to-read status messages

Error messages with customisable instructions

Clip-in cutter

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Interface Options

- USB
- Serial RS232
- Ethernet LAN
- Wireless LAN
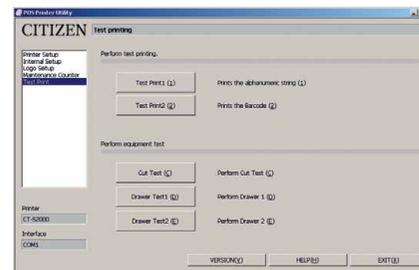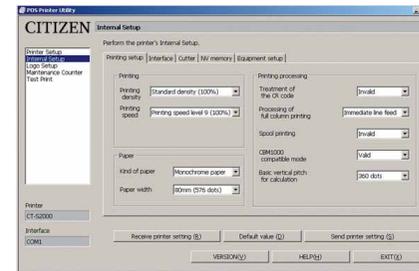- Bluetooth® (MFi)
- Powered USB
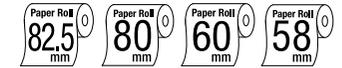- USB with Hub
- Parallel

Exchangeable interfaces plus cash drawer kick-out and external device connector

Customization Software

CITIZEN CT-S801II

POS

Features & Benefits

- 300mm/sec high-speed printing
- 82.5, 80, 60 & 58 mm paper widths
- Easy, drop-in paper loading
- Auto retracting full & partial cutter
- Tool-free cutter servicing
- Customisable LCD display
- Built-in buzzer
- Top paper exit
- Paper roll capacity Ø 83mm
- Grayscale printing: 16 shades
- Exchangeable interface cards
- Cash-drawer kick-out and external device connectors
- Built-in AC adaptor or DC & powered USB models
- Logo and font download and storage
- 1D and 2D internal barcodes
- ESC/POS™® compatiblity
- Available in black or white
- Drivers, Layout Utilities and SDKs for Windows, Linux, macOS, Android, iOS, JavaPOS, OPOS and more

Specifications

Model		CT-S801II
Printing method		Line thermal dot printing
Printing width		Max 80 mm: 80, 72, 68, 64, 54, 52, 48, 45mm selectable Max 640 dots: 640 to 360 dots
Dot pitch		8 x 8 dots/mm (203 dpi)
Printing speed		300 mm / second maximum (at 100% print darkness).
Number of columns		82.5mm paper: Font A=53, font B=71 & font C=80 columns 80mm paper: 48, 64 & 72 58mm paper: 35, 46 & 52
Character size		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	82.5mm / 80mm / 60mm / 58mm (all +0/-1mm)
	Roll size	Maximum 83mm diameter
	Thickness	65-75 µm (core OD 18mm) 75-150 µm (core OD 32mm)
	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, parallel (IEEE 1284), USB, USB with hub, Ethernet, Wireless LAN (Wifi), powered USB, Bluetooth®
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		With AC adapter: 110 to 240 VAC, 50/60Hz. 3W in standby mode Output (or DC variant): 24VDC, 2.1A
Weight		2.0 kg with internal AC adapter. 1.6 kg for DC version
Dimensions (W x D x H)		145 (W) x 192 (D) mm. 148mm high with AC adapter. 120mm high DC version
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: 150 Kms or 200 million pulses. Cutter: 2 million cuts (With recommended papers and environmental conditions)
EMC and safety standards		UL, C-UL, FCC Class A, TUV-Bauart, CE Marking, VCCI, CCC, BIS
Warranty		2 years for printer and print head subject to normal usage conditions

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