

Great performance - Small price The CT-S310II series



Well connected Chose between the serial and USB interface on the CT-S310II



or the Ethernet and USB interface on the CT-S310II LAN.



Tool-free maintenance Paper jam? No problem. Citizen's

unique selfretracting cutter automatically clears paper jams. Heads, platens and cutters can

be changed without any tools.

Long Life Print The new LLP function can extend the print head life to 200km or more.

CITIZEN CT-S310II POS

Applications

- Receipts & Invoices
- Discount Coupons
- Picking & Delivery Slips
- Daily Reports & Logs
- Kitchen Tickets & Orders



Smart Design in black and pure white Todays retail environment must be stylish and in a functional design. Choose the perfect colour for your demand.



Environmentally friendly

From production and packaging to utilisation and recycling the CT-S310II fullfils today's demand for green IT products. The integrated ENERGY STAR[®] power supply is one of the most efficient at managing power consumption.



CITIZEN CT-S310II





Features & Benefits

- 160 mm/second print speed
- 80 or 58 mm selectable paper width
- Built in USB with LAN or Serial interface
- Internal ENERGY STAR[®] power supply
- Low power consumption including USB power save mode
- Self-retracting cutter automatically clears paper jams
- Tool-free maintenance for cutter, print head and platen
- Long-Life-Print mode extends the print head life
- Cash drawer kick-out
- Memory to store logos and fonts
- Barcode printing including GS1 DataBar and 2D barcodes
- ESC/POS[™]/[®] compatibility
- Easy customization by utilities
- Available in black or pure white

Specifications

Printing method Printing method Printing width Barner 22mm/576 dots S8mm paper: 72mm/576 dots S8mm paper: 48mm/384 dots Dot pitch V 8 × 8 dots/mm (203 dpi x 203 dpi) Printing speed V Max. 160mm/sec. 80mm paper: Font A: 48 columns, Font B: 64 columns, Font C: 72 columns S8mm paper: Font A: 350 x 300mm (12 x 24 dots) Font B: 1.1 x 3.00mm (12 x 24 dots) Font B: 1.1 x 3.00mm (9 x 24 dots) Font B: 1.1 x 3.00mm (9 x 24 dots) Font B: 1.1 x 3.00mm (9 x 24 dots) Font B: 1.1 x 3.00mm (9 x 24 dots) Font B: 1.1 x 3.00mm (9 x 24 dots) Font C: 1.00 x 2.00mm (8 x 16 dots) Character table Code page 437, 850, 852, 857, 858, 860, 863, 864, 865, 866, Katakana, WPC1252, Thai code 18 Barcode type UPC-A/E, JAN-13/8, TF, Code 39, Code 128, CODABAR,Code 93, GS1 Databar, PV417, QR Code UPC-A/E, JAN-13/8, TF, Code 39, Code 128, CODABAR,Code 93, GS1 Databar, PV417, QR Code Intersorm NU user memory NU user memory User area for characters: 192 Kb, user area for graphics: 34 Kb Drawer kick-out Unor-Volatile Memory User area for characters: 192 Kb, user area for graphics: 34 Kb Drawer kick-out Power User Consumption User area for characters: 192 Kb, user area for graphics: 34 Kb Printing 40 W, Sleep 0.7 W, Standby 0.15 W Weight I 100 - 240 volts AC, 47 - 63 Hz, ENERGY STAR® aproved Power Osumption Wight User Consumption I 104 V 195 x 132 mm Consumption Printing 40 W, Sleep 0.7 W, Standby 0.15 W Weight I 1,9 kg Dimension (W x D x H) Operating environmet F5 to 445°C, 10 to 90% RH Storage environmet F5 to 445°C, 10 to 90% RH Storage environmet F5 to 445°C, 10 to 90% RH Storage environmet F5 to 145°C, 10 to 90% RH Storage environmet F5 to 145°C, 10 to 90% RH Storage environmet F5 to 145°C, 10 to 90% RH Storage environmet F5 to 145°C, 10 to 90% RH Storage environmet F5 to 145°C, 10 to 90% RH F5 to 145°C, 10 to 90% R				
Printing width S0mm paper: 72mm/576 dots 58mm paper: 48mm/384 dots Printing speed & & & & & & & & & & & & & & & & & & &	Model		CT-S310II Serial	CT-S310II LAN
Printing width 58mm paper: 48mm/384 dots Dot pitch 5 x 8 dots/mm (203 dpi x 203 dpi) Printing speed Max. 160m/sec. Number of columns Smm paper: Font A: 48 columns, Font B: 64 columns, Font C: 52 columns Smm paper: Font A: 35/32columns, Font B 46/42 columns, Font C: 52/48 columns Character size Font A: 1.50 x 3.00mm (12 x 24 dots) Font C: 1.00 x 2.00mm (8 x 16 dots) Character table Code page 437, 850, 852, 8 57, 858, 860, 863, 864, 865, 866, Katakana, WPC1252, Thai code 18 Barcode type VPC-A/E, JNN-13/8, ITF, Code 39, Code 128, CODBAR, Cuber 3, GS1 Databar, PDPF417, QR Code Paper VPC-A/E, JNN-13/8, ITF, Code 39, Code 128, CODBAR, Cuber 3, GS1 Databar, PDPF417, QR Code Paper VPC-A/E, JNN-13/8, ITF, Code 39, Code 128, CODBAR, Cuber 3, GS1 Databar, PDPF417, QR Code Paper VPC-A/E, JNN-13/8, ITF, Code 39, Code 128, CDDBAR, Cuber 3, GS1 Databar, PDPF417, QR Code Paper Vermal paper roll, 80 or 58mm (W)x Ø83mm Interface Vermal paper roll, 80 or 58mm (W)x Ø83mm Pawer kick-out Vermal paper roll, 80 or 58mm (W)x Ø83mm Dawer kick-out Vermal paper roll, 80 or 58mm (W)x Ø83mm Power consumption Vermal paper roll, 80 or 58mm (W)x Ø83mm Power consumption Vermal paper roll, 90 volts AC, 47 - 63 Hz, ENERGY STAR® aprov <th colspan="2">Printing method</th> <th colspan="2">Line thermal dot printing</th>	Printing method		Line thermal dot printing	
Printing speed Max. 160mm/sec. Number of columns 80mm paper: Font A: 48 columns, Font B: 64 columns, Font C: 72 columns S8mm paper: Font A: 35/32columns, Font B 46/42 columns, Font C: 52/48 columns Character size Font A: 1.50 x 3.00mm (12 x 24 dots) Font B: 1.13 x 3.00mm (9 x 24 dots) Font C: 1.00 x 2.00mm (8 x 16 dots) Character table Code page 437, 850, 852,8 57, 858, 860, 863, 864, 865, 866, Katakana, WPC1252, Thai code 18 Barcode type UPC-A/E, JAN-13/8, ITF, Code 39, Code 128, CODABAR, Ce 33, GS1 Databar, PDF417, QR Code Line spacing 4.25mm (1/6 inch); adjustable by user comand Paper Thermal paper roll, 80 or 58mm (W)x Ø83mm Interface Serial (R5-232C) + full speed USB LAN 10/100 Ethernet + full speed USB NV user memory Input buffer 4 Kb or 45 bytes, selectable LAN 10/100 Ethernet + full speed USB Power consumption User area for characters: 192 Kb, user area for graphics: 3# Kb Image: Serial (R5-232C) + full speed USB Image: Serial (R5-232C) Power consumption Input: 100 - 240 volts AC, 47 - 63 Hz, ENERGY STAR® approx Power Power consumption Input: 100 - 240 volts AC, 47 - 63 Hz, ENERGY STAR® approx Power Power consumption 1,9 kg Image: Starde environment 1,9 kg Dimension (W x D x H) 140 x 195 x 132 mm <th colspan="2">Printing width</th> <th colspan="2"></th>	Printing width			
Number of columns 80mm paper: Font A: 48 columns, Font B: 64 columns, Font C: 72 columns S8mm paper: Font A: 35/32columns, Font B 46/42 columns. Font C: 52/48 columns Character size Font A: 1.50 × 3.00mm (12 × 24 dots) Font C: 1.00 × 2.00mm (9 × 24 dots) Font C: 1.00 × 2.00mm (9 × 24 dots) Font C: 1.00 × 2.00mm (8 × 16 dots) Character table Code page 437, 850, 852, 857, 858, 860, 863, 864, 865, 864, 865, 864, 865, 864, 865, 864 Barcode type UPC-A/E, TAN-13/8, ITF, Code 39, Code 128, CODABAR, COPABAR, S0, 852, 857, 857, 858, 860, 863, 864, 865, 86	Dot pitch		8 x 8 dots/mm (203 dpi x 203 dpi)	
Number of columns 58mm paper: Font A: 35/32columns, Font B 46/42 columns, Font C: 52/48 columns Character size Font A: 1.50 x 3.00mm (12 x 24 dots) Font C: 1.00 x 2.00mm (8 x 16 dots) Character table Code page 437, 850, 852, 857, 858, 860, 863, 864, 865, Katakana, WPC1252, Thai code 18 Barcode type UPC-//E, JAN-13/8, ITF, Code 39, Code 128, CODABAR, Columns, So ST, S51 Databar, PDF417, QR Code VDF417, QR Code VDF417, QR Code Paper 4.25mm (1/6 inch); adjustable by user comand Interface Serial (RS-232C) + full speed USB Interface Serial (RS-232C) + full speed USB NV user memory Input buffer Non-Volatile Memory User area for characters: 192 Kb, user area for graphics: 3k Kb Drawer kick-out 2 Drawers Power Input: 100 - 240 volts AC, 47 - 63 Hz, ENERGY STAR® aprut Power consumption Printing 40 W, Sleep 0.7 W, Standby 0.15 W Weight 1,9 kg Dimension (W x D x H) 140 x 195 x 132 mm Operating environment 55 to 445°C, 10 to 90% RH Storage environment -20 to 660°C, 10 to 90% RH Solution julkes or 150 Km (200 Km or more with Long Life Print mode)	Printing speed		Max. 160mm/sec.	
Character size Font B: 1.13 × 3.00mm (9 × 24 dots) Font C: 1.00 × 2.00mm (8 × 16 dots) Character table Code page 437, 850, 852, 857, 858, 860, 863, 864, 865	Number of columns			
Barcode type Code (2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2	Character size		Font B: 1.13 x 3.00mm (9 x 24 dots)	
Barcode type PDF417, QR Code Interface 4.25mm (1/6 inch); adjustable by user comand Paper Thermal paper roll, 80 or 58mm (W)x Ø83mm Interface Serial (RS-232C) + full speed USB LAN 10/100 Ethernet + full speed USB NV user memory Input buffer 4 Kb or 45 bytes, selectable LAN 10/100 Ethernet + full speed USB Drawer kick-out User area for characters: 192 Kb, user area for graphics: 3K Kb Serial (RS-232C) + full speed USB Power Non-Volatile Memory User area for characters: 192 Kb, user area for graphics: 3K Kb Power Input: 100 – 240 volts AC, 47 – 63 Hz, ENERGY STAR® proved Power consumption Printing 40 W, Sleep 0.7 W, Standby 0.15 W Weight 1,9 kg Dimension (W x D x H) 140 x 195 x 132 mm Operating environment +5 to +45°C, 10 to 90% RH Storage environment -20 to +60°C, 10 to 90% RH Poliability 300 million pulses or 150 Km (200 Km or more with Long Life Print mode)	Character table		Code page 437, 850, 852,8 57, 858, 860, 863, 864, 865, 866, Katakana, WPC1252, Thai code 18	
Paper Thermal paper roll, 80 or 58mm (W)x Ø83mm Interface Serial (RS-232C) + full speed USB LAN 10/100 Ethernet + full speed USB NV user memory Input buffer 4 Kb or 45 bytes, selectable Non-Volatile Memory User area for characters: 192 Kb, user area for graphics: 384 Kb Drawer kick-out 2 Drawers Power Input: 100 – 240 volts AC, 47 – 63 Hz, ENERGY STAR® approx Power consumption Printing 40 W, Sleep 0.7 W, Standby 0.15 W Veight 1,9 kg Dimension (W x D x H) 140 x 195 x 132 mm Operating environment +5 to +45°C, 10 to 90% RH Storage environment -20 to +60°C, 10 to 90% RH Boliability 300 million pulses or 150 Km (200 Km or more with Long Life Print mode)	Barcode type			
Interface Serial (RS-232C) + full speed USB LAN 10/100 Ethernet + full speed USB NV user memory Input buffer 4 Kb or 45 bytes, selectable Non-Volatile Memory User area for characters: 192 Kb, user area for graphics: 3K Kb Drawer kick-out 2 Drawers Power 1nput: 100 – 240 volts AC, 47 – 63 Hz, ENERGY STAR® aproved Power consumption Printing 40 W, Sleep 0.7 W, Standby 0.15 W Veight 1,9 kg Dimension (W x D x H) 140 x 195 x 132 mm Operating environment -20 to +60°C, 10 to 90% RH Storage environment -20 to +60°C, 10 to 90% RH Boliability 300 million pulses or 150 Km (200 Km or more with Lotg Life Print mode)	Line spacing		4.25mm (1/6 inch); adjustable by user comand	
NV user memory Input buffer 4 Kb or 45 bytes, selectable Non-Volatile Memory User area for characters: 192 Kb, user area for graphics: 384 Kb Drawer kick-out 2 Drawers Power Input: 100 – 240 volts AC, 47 – 63 Hz, ENERGY STAR® approved Power consumption Printing 40 W, Sleep 0.7 W, Standby 0.15 W Weight 1,9 kg Dimension (W x D x H) 140 x 195 x 132 mm Operating environment -20 to +60°C, 10 to 90% RH Storage environment -20 to +60°C, 10 to 90% RH Sol million pulses or 150 Km (200 Km or more with Long Life Print mode)	Paper		Thermal paper roll, 80 or 58mm (W)x Ø83mm	
NV user memory Non-Volatile Memory User area for characters: 192 Kb, user area for graphics: 384 Kb Drawer kick-out 2 Drawers Power Input: 100 – 240 volts AC, 47 – 63 Hz, ENERGY STAR® approved Power consumption Printing 40 W, Sleep 0.7 W, Standby 0.15 W Weight 1,9 kg Dimension (W x D x H) 140 x 195 x 132 mm Operating environment +5 to +45°C, 10 to 90% RH Storage environment -20 to +60°C, 10 to 90% RH Boliability 300 million pulses or 150 Km (200 Km or more with Long Life Print mode)	Interface		Serial (RS-232C) + full speed USB	LAN 10/100 Ethernet + full speed USB
Non-Volatile Memory User area for characters: 192 Kb, user area for graphics: 384 Kb Drawer kick-out 2 Drawers Power Input: 100 - 240 volts AC, 47 - 63 Hz, ENERGY STAR® approved Power consumption Printing 40 W, Sleep 0.7 W, Standby 0.15 W Weight 1,9 kg Dimension (W x D x H) 140 x 195 x 132 mm Operating environment +5 to +45°C, 10 to 90% RH Storage environment -20 to +60°C, 10 to 90% RH Sol million pulses or 150 Km (200 Km or more with Long Life Print mode)	NV user memory	Input buffer	4 Kb or 45 bytes, selectable	
PowerInput: 100 - 240 volts AC, 47 - 63 Hz, ENERGY STAR® approvedPower consumptionPrinting 40 W, Sleep 0.7 W, Standby 0.15 WWeight1,9 kgDimension (W x D x H)140 x 195 x 132 mmOperating environment+5 to +45°C, 10 to 90% RHStorage environment-20 to +60°C, 10 to 90% RHBeliability300 million pulses or 150 Km (200 Km or more with Long Life Print mode)		Non-Volatile Memory	User area for characters: 192 Kb, user area for graphics: 384 Kb	
Power consumption Printing 40 W, Sleep 0.7 W, Standby 0.15 W Weight 1,9 kg Dimension (W x D x H) 140 x 195 x 132 mm Operating environment +5 to +45°C, 10 to 90% RH Storage environment -20 to +60°C, 10 to 90% RH Beliability 300 million pulses or 150 Km (200 Km or more with Long Life Print mode)	Drawer kick-out		2 Drawers	
Weight 1,9 kg Dimension (W x D x H) 140 x 195 x 132 mm Operating environment +5 to +45°C, 10 to 90% RH Storage environment -20 to +60°C, 10 to 90% RH Beliability 300 million pulses or 150 Km (200 Km or more with Long Life Print mode)	Power		Input: 100 – 240 volts AC, 47 – 63 Hz, ENERGY STAR® approved	
Dimension (W x D x H) 140 x 195 x 132 mm Operating environment +5 to +45°C, 10 to 90% RH Storage environment -20 to +60°C, 10 to 90% RH Beliability 300 million pulses or 150 Km (200 Km or more with Long Life Print mode)	Power consumption		Printing 40 W, Sleep 0.7 W, Standby 0.15 W	
Operating environment +5 to +45°C, 10 to 90% RH Storage environment -20 to +60°C, 10 to 90% RH 300 million pulses or 150 Km (200 Km or more with Long Life Print mode)	Weight		1,9 kg	
Storage environment -20 to +60°C, 10 to 90% RH Beliability 300 million pulses or 150 Km (200 Km or more with Long Life Print mode)	Dimension (W x D x H)		140 x 195 x 132 mm	
Beliability 300 million pulses or 150 Km (200 Km or more with Long Life Print mode)	Operating environment		+5 to +45°C, 10 to 90% RH	
	Storage environment		-20 to +60°C, 10 to 90% RH	
	Reliability			

All product names are trademarks of the respective manufacturers. Epson[®] and ESC/POSTM/[®] are trademarks or registered trademarks of Seiko Epson Corporation. Designs, specifications and availability are subject to change without notice. Errors and omissions excluded.