

# Specifications

Model	CT-S280	CT-S281	CT-S281L
Print method	Line thermal printing method		
Print width	48 mm max. (384 dots/line)		
Print speed	80 mm/s (18.9 lines/sec.)		60 mm/s (14,2 lines / sec.)
Dot density	8 dots/mm 203 dpi		
Number print columns and character size	32 columns max. font A (12x24 dots) 42 columns max. font B (9x24 dots) 48 columns max. font C (8x16 dots) 16 columns max. Kanji font A (24x24 dots) 24 columns max. Kanji font B (16x16 dots)		
Character table	Alphanumeric, International characters, Code page 850,852, 857, 858, 860, 863, 864, 865, 866, WPC1252, Katakana, Thai code18, Kanji (JIS level 1, level 2), Kana, JIS C 6226-1983		
Barcode type	UPC-A/E, JAN (EAN) 13/8 columns, ITF, CODE 39, CODE 128, CODABAR, CODE 93	UPC-A/E, JAN (EAN) 13/8 columns, ITF, CODE 39, CODE 128, CODABAR, CODE 93, PDF417, QR CODE	
Line spacing	4.2 3mm (1/6 inch): Settable by commands		
Emulation	ESC/POS-compliant		
Paper size	57.5mm±0.5 Thickness: 65 to 75 µm	58 mm Thickness: 60 to 100 µm	
Label	–	–	Label width: 54mm (max) Label length: 25mm/pc (min)
Interface	Serial (RS-232C) Parallel (IEEE1284 compliant, Centronics compliant) USB (Virtual COM)	Serial (RS-232C) USB (Printer class, Virtual COM)	
Input buffer	4K or 45 bytes		
Power supply	DC 8.5V		
AC adapter	Input: AC 100 to 240V, output: DC 8.5V		
Weight	Printer: Apprx. 430g, AC adapter approx. 240 g	Printer: Approx. 630g, AC adapter approx. 240g	
Dimensions (WxDxH)	106x170x116.5 mm		106x180x105 mm
Operating temperature range	-20°C ~ 60°C, 10 to 90%RH (No condensation)		
Reliability	Thermal head Auto cutter life	100 million pulses or 50 km –	40 million pulse or 20km 400,000 cuts (with label paper)
Safety standard	UL, C-UL, FCC Class B, TUV-GS CE Marking, VCCI Class A	UL, C-UL, FCC Class B, TUV-GS, CE Marking, VCCI Class B	