



CL 400e RFID

SATO RFID (Radio Frequency Identification) Printer

The SATO RFID printer reads, writes and prints your "Smart" labels, which contain an embedded thin RFID transponder. Based on the success of the SATO CL e Series, this printer has been developed for use in a wide variety of applications.

- ✓ *RFID Labelling*
- ✓ *13.56 Mhz RFID Labels*
- ✓ *Heavy-Duty Industrial Construction*
- ✓ *Industry Leading Throughput*
- ✓ *Easy Connectivity*
- ✓ *Windows® compatible*

Long Life - During the lifetime of a label, the information encoded in the transponder can be changed or amended repeatedly, without having to re-label the article.

Easy Tracking - Radio waves are used to read the smart label, thus labels can be read without line of sight, through substances such as paint and through non metallic packaging and containers. Multiple labels can also be read at one time.

High Quality - Based on the CL e Series, this printer is fast and high quality, with a reliable reputation, robust design and record-breaking throughput.

Countless Applications - anti-theft, factory automation, pallet tagging, asset tracking, patient identification, process control, baggage tags, access control.



RFID

Printing Method	Direct or Thermal Transfer	
Print Resolution	8 dots/mm (203 dpi)	12 dots/mm (305 dpi)
Print Speed	Up to 150 mm/sec (6 ips)	Up to 150 mm/sec (6 ips)
Max. Print Width	104 mm (4.1")	104 mm (4.1")
Max. Print Length	1249 mm (49.2")	833 mm (32.8")
Media Size	Min. 22 mm (0.87") W x 6 mm (0.24") L Max. 131 mm (5.1") W	
Max. Ribbon Size	111 mm (4.4") W x 450 mm (1475 ft.) L; Face-In	
Dimensions	271 mm W x 430 mm D x 321 mm H (10.7" W x 16.9" D x 12.6" H)	
Weight	13 kg (28.7 lbs)	

Memory:

18 MB Std. Memory
16 MB PCMCIA - Opt.
4 MB Flash Memory Module - Opt.

Processor:

32-BIT RISC, 118 Mhz

Media:

Roll or fan-fold die cut labels, plain paper face stock and synthetics. Continuous stock using software control.

Max. Caliper: 0.25 mm (0.01")

Max. Roll Diameter: 218 mm (8.6")

Wind: Face-In

Sensing:

Movable transmissive sensor for die cut labels and tags. Reflective sensor for use with preprinted sensing marks. Automatic or programmable setting of top of form.

Interface:

- ECP Parallel - IEEE1284

Barcode Symbolologies:

Linear: UPC-A/E, EAN-8/13, Code 39/93/128, Codabar, MSI, Bookland, Industrial 2/5, Interleaved 2/5, Matrix 2/5, Postnet, UCC/EAN 128

2-Dimensional: PDF417, Micro PDF417, Truncated PDF417, RSS-14, Maxicode, Data Matrix, QR Code

RFID Codes: 13.56 Mhz Label (Tag-it™, I-Code)

Barcode:

2:1, 3:1, 5:2 ratio; programmable height

Human Readable Fonts:

12 proportional, mono-spaced and outline fonts (Code page 858, others available). Internal CG Triumvirate® & CG Times® fonts plus downloaded TrueType® fonts, scalable from 8 to 72 points.

Flexibility:

360° rotation of barcodes and text, character expansion horizontally and vertically, sequential numbering, form overlay for high-speed editing of complex formats.

Graphic Support:

- SATO Hex/binary,
- PCX format
- BMP format

AC Power:

115V/220V (± 10%), 50/60 Hz (± 1%)

Environmental:

Operating: 5° to 40°C (41° to 104°F)
15-85% RH, non-condensing

Storage: -5° to 60°C (23° to 140°F)
max. 90% RH, non-condensing

ESD: 8kV

Options:

Cutter, Dispenser with Internal Backing
Paper Rewinder, Real Time Clock,
Memory Expansion, Rewinder