

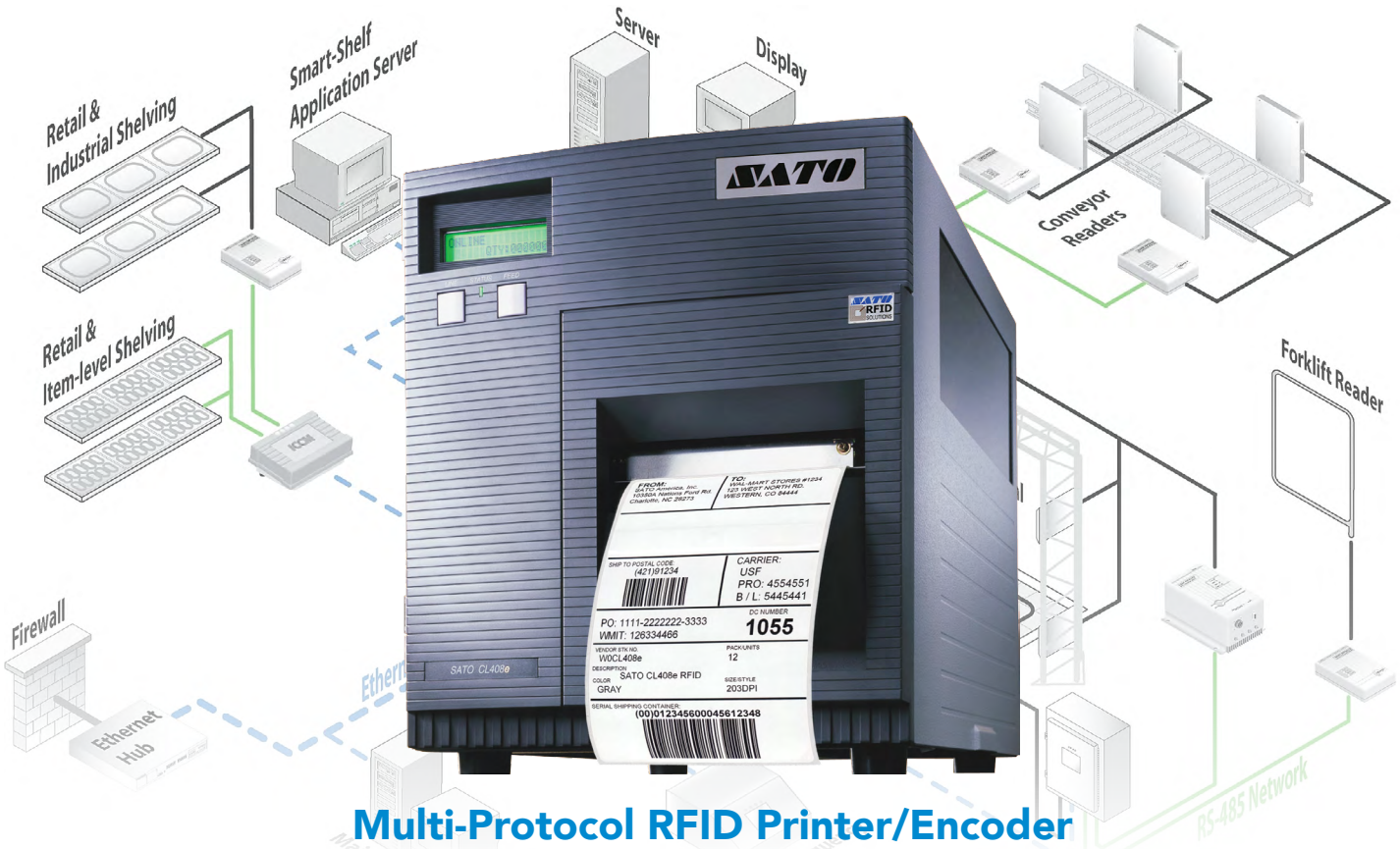


CL408e-RFID 203 dpi

CL412e-RFID 305 dpi



Industrial Thermal Printer | CLe Series



Multi-Protocol RFID Printer/Encoder

Streamlined Features

- Print Smart Labels & Tags with Embedded RFID Transponders
- Read, Write & Verify Tags Prior to Printing
- Rugged Industrial Design
- Excellent Media Handling
- XML Enabled Software
- EPC/GS1 Compliance Labeling
- UHF (EPC) and HF (ISO 15693) RFID Supported

Industry Verticals

- Aerospace
- Automotive
- Education & Libraries
- Food Services
- Distribution
- Government
- Logistics
- Manufacturing
- Utilities
- Wholesale

Industry Applications

- Compliance Labeling
- Warehouse Logistics
- Access Control
- Access Tracking
- Baggage Tagging
- Retail Labeling
- Product Authentication



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GENERAL SPECIFICATIONS

CL408e-RFID | CL412e-RFID

| PRINTER MODEL | | CL408e-RFID | CL412e-RFID |
|--|------------------|--|----------------------------------|
| PRINT SPECIFICATIONS | | | |
| Printing Method | | Direct Thermal/Thermal Transfer | |
| Print Resolution | | 203 dpi (8 dots/mm) | 305 dpi (12 dots/mm) |
| Printing Speed | | 6 ips (100mm/sec) | |
| Maximum Print Area | | 4.1" (104 mm) W x 49.2" (1249 mm) L | 4.1" (104 mm) W x 32.8" (833 mm) |
| MEDIA SPECIFICATIONS | | | |
| Sensor Type | | Adjustable transmissive sensor for gap, Reflective sensor for black mark, Automatic, programmable top of form, Label present sensor (opt. w/dispenser), Ribbon-out sensor | |
| Media Type | | Roll-fed or fanfold, die-cut or continuous direct thermal (thermal transfer) labels, synthetics, and tag stock with or without black mark, gap or notch. | |
| Media Size | Width | 0.87" - 5.1" (22 mm - 131 mm) | |
| | Length | Minimum 0.24" (6 mm) | |
| | Caliper | 0.01" (0.25 mm) | |
| Roll Diameter | | 8.6" (218 mm) | |
| Wind | | Face In | |
| Maximum Ribbon Size | | 4.4" (111 mm) W x 1475' (450 m) L - Face In | |
| FONT/BARCODE SYMBOLOGIES | | | |
| Fonts | | Bitmap - 12 proportional, mono-spaced and outline fonts (Code table 858). Scalable Internal CG Triumvirate® and CG Times® fonts. Optional Downloaded TrueType® fonts, scalable from 8 to 72 points | |
| Barcode Symbolologies | Linear | UPC-A, UPC-E, EAN-8, EAN-13, Code 39, Code 93, Code 128, Codabar, MSI, Bookland, Industrial 2/5, Interleaved 2/5, Matrix 2/5, Postnet™, GS1-128, GS1-DataBar™ | |
| | 2-D | PDF417, Micro PDF417, Truncated PDF417, Maxicode™, Data Matrix, QR Code, Composite Symbology | |
| Formatting | | 360° rotation of barcodes and text, horizontal and vertical character expansion, sequential numbering, form overlay for high-speed editing of complex formats | |
| MEMORY | | | |
| Standard | | 16 MB RAM, 2 MB Flash | |
| Optional | | 4 MB Flash, 1 MB or 256 K PCMCIA | |
| Processor | | 32-BIT RISC | |
| RFID | | | |
| Formats | | HF (High Frequency) Standards Supported: Tag-it™, I-Code, ISO 15693; UHF (Ultra-High Frequency) Standards Supported: EPC Class 1, ISO 18000-06B, EPC Class 0/0+, EPC Gen 2 | |
| Features | | Print-Write-Print for out of Spec Tags; RFID Counters; Calibration for New Inlay Types | |
| COMMUNICATION INTERFACE | | | |
| Plug-In Interface | | Serial - RS232 (up to 57.6k bps), Parallel - IEEE1284 (ECP), Ethernet - 10/100BaseT, Wireless 802.11g, Twinax/Coax, RS422/485, USB | |
| SUPPORT | | | |
| Graphic | | Printing and storage of *.PCX, *.BMP format, SATO Hex/binary | |
| Software | | 32 and 64-bit Windows® Drivers (Windows XP, Windows Server 2003, Windows Vista, Windows Server 2008 and Windows 7) Label Software (Label Gallery Free), Printer Utilities | |
| OPERATING CHARACTERISTICS | | | |
| Electrical Requirements | | 115V/220V (± 10%), 50/60 Hz (± 1%) - Jumper switch required | |
| Environment | Operating | 41° to 104°F (5° to 40°C), 15-85% RH, non-condensing | |
| | Storage | 23° to 140°F (-5° to 60°C), Maximum 90% RH, non-condensing | |
| | EDS | 8kV | |
| Agency Certifications | | CE, UL, CSA, TÜV | |
| Dimensions | | 10.7" (271 mm) W x 16.9" (430 mm) D x 12.6" (321 mm) H | |
| Weight | | 28.7 lbs (13 kg) | |
| OPTIONAL ACCESSORIES | | | |
| Label Cutter, Label Dispenser, Label Rewinder, Memory Expansion, Real Time Clock, Plug-In Interface, Label Gallery | | | |

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