

CL412

305 DPI Performance Plus Printer

- High Resolution 305 DPI Print Quality
- High Performance 32-Bit RISC Processor
- High Throughput - 6" per Second
- Rugged Steel Case Design
- 4" Wide Print area
- Thermal Transfer / Direct Thermal
- Labels up to 5.15" Wide
- 16 Bar Code Symbologies including 2D Codes
- 12 Proportional and Mono-Spaced Text Fonts
- 10 Scalable Vector Fonts
- User Replaceable Printhead
- M-8450 Command Compatible



The CL412 High Resolution Performance Plus Printer sets the new standard for value and performance in a high resolution industrial bar code printer. The CL412's rugged steel construction, its high speed 32-bit RISC Processor, high resolution print head and comfortable price combine to give users the superior quality and value expected from SATO PLUS top performance in any labeling application.

A High Speed 32 bit RISC is utilized in the CL412 to give maximum performance. The CL412 produces true 6" per second throughput, even with changes in text or graphics between labels. Even UCC/EAN 128 Serialized Shipping Container Labels. Automatic incrementing serial numbers and check digits are produced without pausing between labels.

16 of the most popular bar code symbologies including the new 2-D codes, 12 proportional and mono-spaced text fonts and 10 scalable Vector fonts are built into the printer for great looking labels with minimal programming. PLUS TrueType® fonts can be downloaded to the CL412 to be used as internal fonts.

The interface in the CL412 is based on a new SATO innovation: Plug-in Interface Modules. Users select the interface type needed. Other printers in this price range typically offer only one choice; with the CL412 you get multiple choices.

CL412 Specifications

Printing Method:

Thermal Transfer/Direct Thermal

Printing Speed:

Up to 6" (150 mm) per second

Print Resolution:

305 dpi (12 dots/mm)

Print Area:

4.1" (104 mm) W x 14" (356 mm) L , 32.8" (833 mm) L with 2Mb PCMCIA memory card

Bar Code Symbologies:

UPC-A/E, EAN, Code 39, Code 93, Code 128, I 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Codabar, MSI, Bookland, POSTNET, UCC/EAN 128, PDF417, Maxicode, Data Matrix

Bar Code Ratio:

2:1, 3:1, 5:2 or individually adjustable bar widths

Bar Code Height:

Programmable

Human Readable Fonts:

12 proportional and mono-spaced fonts including OCR-A and OCR-B representations and an outline font. American and European characters, uppercase and lower case with descenders (code table 850).

Flexibility:

Rotation of bar codes and text in four 90° steps; character expansion horizontally and vertically in 12 steps; RAM storage for special characters, dot-addressable graphics; sequential numbering. Form overlay for high speed editing of complex formats

Graphic Support:

SATO Hex/binary and PCX formats

Media:

Roll or fan-fold die cut labels, plain paper face stock, SATO standard or equivalent. Tag Stock, SATO standard or equivalent with punched feed slot for "see through" sensing or sense mark for reflective sensing.

Maximum caliper: 0.01" (0.25 mm)

Maximum roll diameter: 8.6" (218 mm)

Roll core diameter: 1.5" (38 mm) or 3" (76mm)

Sensing:

Adjustable position photo sensor for die cut labels and tags. Reflective sensor for use with preprinted sensing marks. Automatic, programmable setting of top of form.

Media Size:

Minimum: 0.87" (22 mm) W x 0.24" L (6 mm) L

Maximum: 5.15" (131 mm) W x 14" (356 mm) L. Up to 32.8" (833 mm) L with additional PCMCIA memory.

Ribbon:

Up to 4.4" (111 mm) W x 1475' (450 m) L, wound Face-in

I/F Choices:

Centronics Parallel or RS-232C (2400 - 19,200 BPS, Ready/Busy and X-On/X-Off)

External Connectors:

Parallel: 36-pin Amp

Serial: DB-25F
Ext. (Accessory): 14-pin Amp

Data Transmission:

ASCII

Print Control:

User programmable via data stream.

Switches & Displays:

Switches: LINE, FEED

Display: 2-line LCD

LED indicator: ON LINE (Green), ERROR (Red)

Configuration: 2x8 DIP Switches, 3 Controls

Backfeed:

Adjustable

Dimensions: (overall)

10.7" (271 mm) W x 16.9" (430 mm) D x 12.6" (321 mm) H

Weight:

28.7 Lbs. (13 Kg)

AC Power:

110V (+/-10%), 220V (+/-10%) 50/60 Hz (+/-1%)

Idling: 50W

Operating: 130W

Environment:

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

Storage: 0° to 104°F (-20° to 40°C), 90% RH maximum, non-condensing

ESD Immunity: 8Kv

Approvals:

FCC Class A, U/L, TUV, CE

Options:

Label Cutter

Label dispenser

Rewinder

PCMCIA Add-On Memory

Real Time Clock

Twinax/Coax I/F

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