

STp.1120n

Intelligent Thermal Printer



*Design. Develop. Deliver.
A new class of printing solutions
Speaking the language of print
technology since 1986*

Thermal printing solutions from Source Technologies can dramatically reduce costs by streamlining operations, increasing productivity, and identifying/tracking your most important assets.

Engineered for performance, the STp.1120n provides autoloading capabilities, a user-friendly touchscreen, uses an industry standard PCL printer language making it easy to integrate, and supports 50 resident scalable fonts.

Standard Features

Printhead

4in Near Edge

Media Hanger

4in Cantilever (Optional Media Hub)

Max Print Speed

8ips/203mmps

Resolution

300dpi/11.8dppmm

Memory

32MB Flash (8MB User space)/64MB DDR2 SDRAM

Printer Type

Direct Thermal (Optional Thermal Transfer)

Media Supply

Roll-fed, die-cut, continuous labels: perforated or continuous tag/ticket stock 8in/203mm roll max diameter on 1in/25mm, 1.5in/38mm or 3in/76mm core). Fan fold stock accepted

Double Sided Top-Of-Form Sensor

Adjustable position for label gap, notch and reflective black mark on the bottom or top of form

Tear Bar

For tearing off gapped or continuous media

Media Back Feed

Capable of backing up at least 1.0in/25mm

Control Panel

Color Graphical Touchscreen Display

Reset Button

Recessed on rear of unit for recovery

LEDs

Two LEDs – Power and Error

Power Button

Positioned on rear of unit

Chassis / Media Cover

Die cast construction with plastic front and rear, clear media window

Dimension

WxDxHin | 10.8x 18.7x11.9

WxDxHmm | 274x 475x302

Temperature

Operating: 40°F (5°C) to 104°F (40°C) Thermal Transfer

32°F (0°C) to 104°F (40°C) Direct Thermal

Storage: -4°F (-20°C) to 140°F (60°C)

Weight

41lbs. / 19kg

Humidity

Operation: RH <=20% to 80%

Storage: RH <=35%

Bar Codes

Aztec, Codabar, Code 128 Autoswitch, Code 128 Code Set A, Code 128 Code Set B, Code 128 Code Set C, Code 3 of 9, Code 93, DataMatrix, EAN-13, EAN-8, Extended Code 3 of 9, FIM, GS1 Databar (RSS), GS1-128(UCC/EAN Code 128), HIBC, Interleaved 2 of 5 with a module 10 checksum, & shipping bearer bars, MicroPDF417, PDF-417, Planet, Plessey, Postnet, QR Code – Auto format, Telepen, UPC-A, UPC-E, UPS MaxiCode

Interfaces

USB 2.0 Device and LAN 10/100

Real Time Clock

With user replaceable 3 year battery

Windows Driver

XP/ Vista / Windows 7

Corporate Headquarters

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Standard Features (continued)

Power Source

Universal (PFC-compliant) power supply 90-264 VAC; 47-63Hz

Localization

Translation of menus and web pages. English, French, Italian, German, and Spanish

Fonts

Albertus Medium, Albertus Extra Bold, Antique Olive, Antique Olive Italic, Antique Olive Bold, Arial, Arial Italic, Arial Bold, Arial Bold Italic, Clarendon Condensed Bold, Coronet, Courier, Courier Italic, Courier Bold, Courier Bold Italic, Garamond Antiqua, Garamond Kursiv, Garamond Halbfett, Garamond Kursiv Halbfett, Letter Gothic, Letter Gothic Italic, Letter Gothic Bold, Marigold, CG Omega, CG Omega Italic, CG Omega Bold, CG Omega Bold Italic, CG Times, CG Times Italic, CG Times Bold, CG Times Bold Italic, CG Triumvirate Bold, CG Triumvirate Bold Condensed, Times New Roman, Times New Roman Italic, Times New Roman Bold, Times New Roman Bold Italic, Univers Medium, Univers Medium Italic, Univers Bold, Univers Bold Italic, Univers Condensed Medium, Univers Condensed Medium Italic, Univers Condensed Bold, Univers Condensed Bold Italic, Symbol, Wingdings Downloadable Font Types True-Type, PCL Bitmap (300 dpi), OCR-B, OCR-A

Graphics

Full support of PCL5e and GL/2 graphics capability is provided. (Support of various host based file formats such as PCX, BMP are not part of the PCL5e standard but are supported and converted by standard applications) Industry standard printer language HP PCL, HP PCL 5e, HP GL/2 and HP XL, printer languages with auto language select in addition to extensions for barcode. Also provides standard bi-directional communications capabilities

Optional Features

Thermal Transfer

Near Edge Ribbon 3.72in(94.48mm) max OD on 1in ID (25mm) ribbon core (nominally 1968in (600M) in length)

Media Hanger

3in(76mm) Media Hub
1.5in(38mm) Media Hub
1in(25mm) Media Hub

Internal Power Rewind

Accepts full 8in roll of liner only, or 3.5in/90mm roll of media

Batch Rewind

Limited to 3.5in(90mm) supply roll of media

Media Present Sensor

Detects removal of media from the tear bar

Peel Basic

Peel without sensing label removal with powered rewriter

Peel & Present

Peel with sensing label removal and powered rewriter

Media Cutter

Capable of cutting .003in/0.076mm to .010in/0.254mm thick media

Media Cutter Tray

Catches cut media, capacity 100 2in/50.8mm to 6in/152.4mm long

Applicator Port (General Purpose I/O) To support external print and apply applicators, on a separate connector plate, back side of the printer (4 pins in, 4 pins out, 5V out).

Serial Port

RS-232C

Wireless Module

802.11 b/g

USB 2.0

Host port on front of printer (Type A connector)

Audio Indicator

Chassis mounted (to elevate error or warning conditions)

Downloadable Fonts (4 options)

International Language Support. Downloadable from www.sourcetech.com.

1in/25mm or 1.5in/38mm Media Hub Adapters

Adapter disks to allow different media cores

Non-US Power Cords

Different cords to accommodate various power sources in different countries

Print Characteristics

Requirement	4in NE
Print Resolution	300dpi/11.8dppmm
Max Print Width	4.27in/108.5mm
Max Print Speed	8ips/203mmps
Max Feed speed	8ips/203mmps
Max Back up speed	5ips/127mmps
*Media Width Range	1in – 4.65in/ 25mm – 118mm
*Media Thickness Range	.003in – .020in [†] / 0.076mm – .508mm
**Ribbon Width Range	1in – 5in/ 25mm – 118mm
Print Length Range	0.25in – 99in/ 6.35mm – 2514mm

*Media wound out

**Coated side in or out

†Supports most .020in/.508mm media

Configuration Utility (Min. System Requirements)

Processor / Speed	500 Mhz processor or better
RAM	256MB
Hard Drive Space	5MB
Min. Screen Res.	800 x 600
.NET Framework	2.0

Operating System(s) Supported

Windows XP - x86 & x64
Windows 7 - x86 & x64
Windows 2003 Server – x86 & x64
Windows 2008 Server – x86 & x64
Windows 2008 Server R2 – x64

Print Driver (Minimum System Requirements)

Processor/Speed	500 Mhz processor or better
RAM	256MB
Hard Drive Space	6MB

Operating System(s) Supported

Windows XP - x86 & x64
Windows Vista – x86 & x64
Windows 7 - x86 & x64

