



# 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 offers industry standard PCL, autoloading capabilities, an intuitive touchscreen, 50 resident scalable fonts and is easy to integrate, use and maintain.

#### Standard Features

##### Printhead

4in Near Edge

##### Media Hanger

4in Cantilever (Optional Media Hub)

##### Max Print Speed

8 IPS / 203 mm/ps

##### Dot Density

300dpi / 11.8dpmm

##### Memory

32MB Flash (8MB User space) / 32MB 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 1.0in, 1.5in or 3in (25mm, 38mm or 76mm) core). Fan fold stock accepted

##### Double Sided Top-Of-Form Sensor

Adjustable position, for center biased stock Label Gap, notch, reflective black mark on the bottom or top of form

##### Tear Bar

For tearing off gapped or continuous media, removable

##### Media Back feed

Capable of backing up at least 1.0in± (for near edge print head)

##### Control Panel

LED Backlit color QVGA LCD with touchscreen

##### Reset button

Inset on rear of unit. For recovery or resetting unit to factory default.

##### LEDs

Two LEDs – Power and Error

##### Power button

Positioned on rear of unit

##### Chassis / Media Cover

Die cast construction w/plastic front and rear, clear side window

##### Dimension

WxDxHin | 10.8x 18.7x11.9

WxDxHmm | 274x 475x302

##### Barcodes

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, 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

##### 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

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**Standard Features (continued)**

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 P/L, 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

**Interfaces**

USB 2.0 Device and LAN 10/100

**Real Time Clock**

With user replaceable 3 year battery

**Windows Driver**

XP / Vista / Windows 7

**Power Source**

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

**Operating Temperature**

40°F (5°C) to 104°F (40°C)

**Localization**

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

**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 Media Hub  
1.5in Media Hub  
1in Media Hub

**Internal Power Rewind**

Accepts a full 8in roll of liner only, or 5in roll of media

**Batch Rewind**

Limited to 5in supply roll of media

**Media Present Sensor**

Detects removal of center justified media, from the tear bar

**Peel Basic**

Peel without sensing label removal with powered rewinder

**Peel and Present**

Peel with sensing label removal and powered rewinder

**Media Cutter**

Capable of cutting .003 to .010 thick media

**Media Cutter Tray**

Catches cut media, capacity 100 (2in to 6in long)

**Applicator Port** (General Purpose I/O) and **Serial Port** (RS-232C)

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). RS-232 on a separate connector plate, back side of the printer.

**Wireless Module**

802.11 b/g

**USB 2.0**

Host port on the front of the printer (Type A connector)

**Audio indicator**

Chassis mounted (to elevate error or warning conditions)

**Downloadable Fonts (4 options)**

International Language Support. Downloadable from ST corporate web site.

**1.0in or 1.5in 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 (11.8 dpmm)
Max Print Width	4.27in (108.5mm)
Max Print Speed	8ips (203mmmps)
Max Feed speed	8ips (203mmmps)
Max Back up speed	5ips (127mmmps)
*Media Width Range	1in – 4.65in (25.44mm – 118.1mm)
*Media Thickness Range	.003in – .010in (0.076mm – .254mm)
**Ribbon Width Range	1in – 4.65in (25.44mm – 118.1mm)
Print Length Range	0.25in – 99in (6.35mm – 2475.6mm)
*Media wound out	
**Coated side in or out	

**Print Driver (Minimum System Requirements)**

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

**Operating System(s) Supported**

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

**Configuration Utility (Min. System Requirements)**

Processor / Speed	500 Mhz processor or better
RAM	256 mb
Hard Drive Space	5 mb
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

