



## THE LITTLE PRINTER WITH BIG IDEAS



### **Compact, easy to set up and use Mini-Printer with NFC capabilities.**

Print from Scratch or Python to produce QR codes, stickers, certificates, banners, coupons, puzzles – in fact anything you can think of!

Complete with National Curriculum orientated applications that work out-of-the-box and comprehensive tutorials that allow the system to meet specific needs, this Cloud capable package is the perfect accessory for the “Internet of Things” revolution.

### **Features**

- Transparent, self-assembly, laser cut acrylic case with access to all connectors on your Pi
- USB interface for fast, convenient setup and fast transmission
- NFC interface for printing and secure authentication with NFC-enabled Android devices
- Mains power adaptor for faster printer
- Print to paper rolls or labels
- Comprehensive tutorials will guide you all the way from assembling the unit to printing
- Full instructions on setting up your own “Internet of Things” Cloud printer
- All the code required to print from Scratch and Python

### **Kit Contents\***

- Pipsta USB and NFC Thermal Mini-Printer
- Self-assembly acrylic housing and all fixings
- Self-adhesive, non-slip feet
- 7.5Vdc Universal Mains power adaptor
- USB ‘A’ to Mini ‘B’ lead to connect Pi and Printer
- 1x paper and 1 x label roll to get you printing right away

\*Does not include Raspberry Pi

## Specification

	<b>Pipsta case</b>
<b>Use with</b>	Optimised for Raspberry Pi Model B+ (also suitable for use with A+)
<b>Dimensions (mm)</b>	85H x 95W x 124L
<b>Housing Materials</b>	Clear 3mm Acrylic
<b>Connector Access</b>	USB Ethernet (B+ only) HDMI RCA Video Audio Jack Micro SD Card

	<b>Pipsta Printer</b>
<b>Model</b>	Able AP1400 Thermal Panel Printer
<b>Method</b>	Direct Thermal
<b>Media Types</b>	Thermal Paper and Label rolls
<b>Media Width</b>	58mm
<b>Print Width</b>	48mm
<b>Dots</b>	384 dots per line, at 8 dots/mm
<b>Roll Diameter</b>	36mm
<b>Communications Interfaces</b>	USB Dynamic NFC RS232
<b>Print Speed</b>	Up to 80mm/s
<b>Print Capabilities</b>	Text, graphics, barcodes
<b>Power Supply</b>	4.8-9.0Vdc, 2A typical
<b>Reliability - MCBF</b>	10 <sup>8</sup> print pulses or >50km. >13 million print lines (approx. 3,500 paper rolls.)