

SNBC

Extraordinary
Value!

BTP-R990



Two-Sided Thermal Receipt Printer



For Less Than the Price of Single-Sided Thermal POS Printers

SNBC incorporates patented two-sided print technology. Dual thermal print heads simultaneously print on both the front and back sides of a receipt. This new technology drives improvements in operational efficiency and enhances your ability to present customized, on demand messaging.

- Use up to 45% Less Paper (depending on receipt format and length)
- 2ST Printers Use 32% Less Energy Than Single-Sided Printers
- 5%~25% Reduction in Net Paper Costs
- Increased Throughput and Productivity from Fewer Paper Roll Changes
- Consumer-Evident Tie-in to Retailers' "Green" Initiatives
- Supports Mac Operating Systems

2ST
TECHNOLOGY



BTP-R990 Two-Sided Thermal Printer



Drop and Print Paper Loading with an Adjustable Paper Width Selector



Optional Power Supply Cover with Cable Management Slots



Optional Audio/Visual Print Messenger



Built-In Wall Mount Capability

Features

A low-cost high quality thermal receipt printer ideal for rugged environments.

- Patented Two-Sided Print Technology
- Dual Interface Standard – USB Interface is on the Main Board
- Serial, Parallel, USB, Ethernet, Bluetooth or Wireless WiFi Interface Boards Available
- Can use the Same Interface Boards as Other SNBC Printers
- Energy Star Certification
- Programmable Paper Saving Options
- Adjustable Internal Buzzer Volume
- Auto-Cutter – Selectable Full or Partial Cut
- Cutter Life of Two Million Cuts
- Up To 310mm per Second Print Speed
- Drop and Print Paper Loading
- Paper-End Sensor
- Adjustable Paper Near-End Sensor
- Includes Starter Paper Roll, Communications Cable, USB Cable, Power Adapter and Cord, Power Switch Cover and a Reversed Label for Wall Mounting

Optional Devices / Upgrades

Modify or upgrade your printer with these easy-to-add options:

- Serial, Parallel, USB, Ethernet, Bluetooth and Wireless WiFi Interface Boards Are User Interchangeable
- Audio/Visual Print Messenger – For Noisy Kitchens – Alarm Sounds and Light Flashes When a New Order is Printed
- Powered USB Cable
- Power Supply Cover

Ports and Connectivity

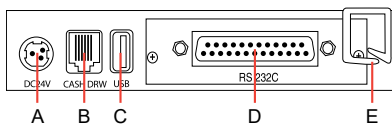
A DC 24V Power-In

B Cash Drawer

C USB

D Choice of Serial (Shown), Parallel, USB, Ethernet, Bluetooth or Wireless WiFi Interface Boards Available

E Cable Management Clip



Specifications

Max. Print Speed – Mono 80mm:	310mm per Second / 2ST 175mm per Second
Gray Scale:	150mm per Second / 2ST 75~100mm per Sec.
Two-Color:	120mm per Second / 2ST 60~90mm per Sec.
Printing Method:	Direct Thermal
Resolution:	203 DPI x 203 DPI
Characters Per Line – Font A:	53 (80mm) / 38 (58mm)
Font B:	71 (80mm) / 51 (58mm)
Characters Size – Font A:	12 x 24
Font B:	9 x 17
Paper Roll Type – Width:	54.5mm ~ 82.5mm
Maximum Diameter:	83mm
Paper Thickness:	0.06mm ~ 0.15mm
Auto Paper Cutting Method:	Auto-Cutter with Selectable Full or Partial Cut
Reliability – MTBF:	360,000 Hours
MCBF:	70,000,000 Lines
Printhead Life:	150,000,000 Characters
Cutter Life:	2,000,000 Cuts
Character Set – Alphanumeric:	95
International:	37
Graphic:	128 x 57 Page
Bar Code – 1D:	UPC-A / UPC-E / EAN8 / EAN13 / Code 39 / Code93 / CODE128 / CODABAR / ITF
2D:	PDF417 / QR Code / MaxiCode / GS1
Interpreter:	ESC / POS™ / NCR
Interface:	USB+Serial / USB+Parallel / USB+Ethernet / USB+Wireless WiFi / USB Only
Drivers – 32-bit:	Windows XP Professional / XP Home Edition / 2000 Server / 2000 Professional / POSReady 2009
64-bit:	Windows Server 2012 / Windows XP
32 and 64-bit:	Windows 10 / 8.1 / 8 / 7 / Server 2008 / Server 2003 / Vista
Other:	Linux / OPOS / BYJavaPOS Windows / BYJavaPOS Linux
Software Development Kit:	iOS / Android
Drawer Port:	Up to 2 Drawers (+24VDC) / Drawer Compulsion
Data Buffer– Rec. Buffer RAM:	64 KB
RAM Bitmap:	128 KB
Flash Bitmap:	512 KB
Power Supply:	AC 100 ~ 240 V, 50/60 Hz Adapter Included
Current/Power Usage:	2.0A / 60W
Operating Temperature:	40° ~ 114°F (5° ~ 45°C)
Operating Humidity:	20% ~ 90% RH (Non-Condensing)
Dimensions / Weight – Unit:	5-3/4"W x 8-1/8"D x 6-1/8"H
Shipping Carton:	10-1/2"L x 9"W x 12"H / 8.37 lbs.
Safety and EMI:	FCC / RoHS