SNBC

Extraordinary Value!

ENERGY STAR

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

| DROP & PRINT | AUTO CUT | 2-COLOR PRINT | GRAYSCALE PRINT | 2-SIDED PRINT | PRINTS WATERMARK | PRINTS BARCODES | USB ON BOARD | CASH DRAWER | MULTIPLE LANGUAGE | IVORY | DARK GRAY |

Drop and Print Paper Loading. Adjustable Paper Width Allows 58mm Paper Rolls

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.
- Everything You Need is in the Box
- Patented Two-Sided Print Technology
- Dual Interface Standard – USB Interface is on the Main Board
- Serial, Parallel, USB, Ethernet 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, Reversed Label for Wall Mounting and CD-ROM with Drivers, Utilities and User's Manual

Optional Devices / Upgrades

Upgrade your printer with these easy-to-add options:
- Serial, Parallel, USB, Ethernet 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
- Spill Cover
- Power Supply Cover

Ports and Connectivity

A DC 24V Power-In
B Cash Drawer
C USB
D Choice of Serial (Shown), Parallel, USB, Ethernet 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:**	42 (80mm) / 37 (58mm)
	Font B:	56 (80mm) / 49 (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
Driver –	**32 bit:**	2000
	32 and 64 bit:	XP / Server 2003 / Server 2008 / VISTA / Win7
	Other:	Linux CUPS / MAC Support / OPOS / JavaPOS
Drawer Port:		2 Port (+24VDC) with Drawer Compulsion
Data Buffer – Receive 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:		5-3/4"W x 6-1/8"H x 8-1/8"D
Shipping Weight:		8.3 lbs. (Each Unit) / 35.80 lbs. (Master Carton of 4)
Safety and EMI:		FCC / RoHS

DC24V CASH DRW USB RS 232C

A   B   C   D   E

SNBC