SURVIVOR® *SST*

Stainless Steel Thermal Label Printer

The SURVIVOR SST... protection and performance never before available in washdown thermal label printers. A 304 stainless steel enclosure and internal NEMA 4X electronics enclosure provide enhanced protection against washdown and high humidity. Constant 6" per second print speed, nine internal typeset-quality fonts, high density bar coding, 256K standard on-board RAM and RS-232/RS-422 system communications provide exceptional printing performance and label formatting flexibility.

Unique internal protection for sensitive electronics

SURVIVOR SST and PK-280SS stainless steel washdown keyboard provide needed system capabilities while withstanding the demands of harsh environments.

Standard Features:

- 304 stainless steel enclosure
- Electronics enclosed in NEMA 4X, Fiberglass-Reinforced Polyester (FRP) enclosure
- Thin-film thermal print head
- Direct thermal and thermal transfer printing
- High dot density, 203 dots per inch (8 dots/mm)
- Prints at 6" (152.4mm) per second. The AFTER BURNER™ mode prints at speeds of up to 8" (203.2mm) per second
- Prints on label, ticket and tag stock
- Internal rewind mechanism for backing paper or printed labels
- Any font/graphic field can be printed black on white, or white on black
- Bar code modules ("X" dimensions) 5 mil to 10 mil in picket fence or ladder orientations
- Label backfeed for cutting and dispensing modes

Options:

- PK-280SS stainless steel washdown keyboard features
  – Full alphanumeric keypad
  –10 dedicated, programmable function keys
  – User definition of labels, rates and factors
  – 32K RAM
- Present Sensor/Demand label dispensing–SURVIVOR SST
- 256K EEPROM Memory Module for graphics or label format storage
- 256K and 512K RAM Memory Module
- PC-Batch for use with IBM-PC compatibles for stand-alone label design
- Variety of fonts available

The SURVIVOR SST's processor prints typeset-quality fonts and ladder or picket fence style bar codes while providing the versatility you need to meet your specific labeling requirements.

SURVIVOR® SST Specifications:

PRINT CHARACTERISTICS:

Type:	Four directions (0°, 90°, 180°, 270°)
Print Speed:	Programmable = 1" to 8" (25.4mm to 203.2mm) per second. Normal = 6" (152.4mm) per second. AFTER BURNER™ print mode for 7", 7.5" and 8" (177.8mm, 190.5mm and 203.2mm) per second
Print Area:	4.1" W x 10" L (104.1mm x 254mm). Optional Length is 20" (508mm)
Character Formation:	Direct Thermal or Thermal Transfer
Character Height:	9 alphanumeric fonts standard from .035" to .64" H (.89mm to 16.2mm H) and OCR-A, OCR-B
Font:	Built-in smooth font (CG Triumvirate™) from 8 to 48 points. Others available on cartridge.
Graphics Function:	Dot addressable
Modes:	One or more labels with backing paper on, rewinding a batch of labels inside the printer while printing, optional present sensor; one-up demand mode with label already peeled and backing paper rewound

RIBBON: (Thermal Transfer Printing)

Standard Widths:	1", 1.5", 2", 2.5", 3", 3.5", 4", 4.5" (25.4mm, 38.1mm, 50.8mm, 63.5mm, 76.2mm, 88.9mm, 101.6mm, 114.3mm). Other widths available on a custom order basis.

INPUT BUFFER: 7K

MEDIA:

Width:	.75" to 4.65" (19.1mm to 118.1mm)
Length:	.5" to 10" (12.7mm to 254mm), optional 20" (508mmL)
Thickness:	.0025" to .01" (.06mm to .254mm)
Type:	Roll-fed, die-cut, continuous or fan-fold labels, tags and tickets
Materials:	Plain paper, thermal transfer materials or thermal sensitive label/tag stocks
Supply Roll Capacity:	8" (203.2mm) maximum outside diameter on standard 1.5" to 3" (38.1mm to 76.2mm) core adaptor
Capacity In Rewind Mode:	5" (127.0mm) on standard 1.5" (38.1mm) core

BARCODES:

Codes:	39, Interleaved 2 of 5, CODABAR, Code 128, Subsets A, B & C, Code 93, UPC-A & E, 2 & 5 digit, EAN-8 & 13 - 2 & 5 digit, MSI Plessey, UPC Random Weight, Universal Shipping Container Symbology, Code 39 variations, LOGMARS, HIBC & AIAG, UCC/EAN. Bar codes printed with or without human-readable interpretation. (Ratios: 5 mil to 10 mil in picket fence or ladder orientations)
SENSORS:	Moveable "see-through" sensor for die-cut labels and tags. Reflective sensor for use with black stripe sensing marks. Variable head temperature control
Switches:	Stop/Cancel, Pause, Feed, Direct Thermal/Thermal Transfer

ELECTRICAL:

Operating Voltage:	110/220 VAC ±10%, single phase 50/60 Hz at 2 amp. 220 VAC maximum; available by special order
Fuse Size:	110 VAC; 1 1/2 amp Slo-Blo; 220 VAC; .75 amp Slo-Blo

INTERFACING:

Serial Interfaces:	RS-232/RS-422
Baud Rates:	300 to 9600 baud
Handshaking:	XON/XOFF, CTS/DTR, programmable 7 or 8 bit length

ENVIRONMENTAL:

Temperature:	40°F to 100°F (4°C to 38°C)
Storage Temp:	-40°F to 158°F (-40°C to 70°C)
Humidity:	10% to 95%, suitable for washdown
Dust:	Non-conducting, non-corrosive

PACKAGING:

Enclosure:	304 stainless steel with electronics enclosed in internal Fiberglass-Reinforced Polyester (FRP) enclosure. Enclosure designed to meet or exceed USDA requirements.
Dimensions:	12.4" W x 12.9" H x 23.8" D (317.5mm W x 330.2mm H x 635.0mm D)
Weight:	Approximately 70 lb (31.8 kg)
WARRANTY:	One year limited warranty on parts, 90 days or 500,000 linear inches on print head

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