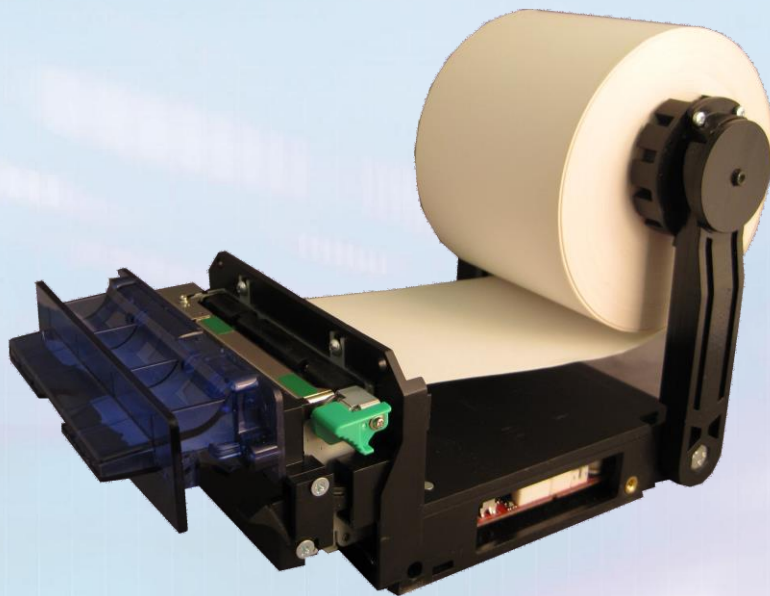# HSVL "The Transformer"

- Prints a Ticket in 0.6 Seconds
- TITO Format Available
- Easy to Service
- Blue LED Bezel
- Print Head Life of 150 km
- Movable Spindle Arms
- Multiple Mounting Options
- Easy Access to Paper Path
- Standard 4-pin Latching Connector
- USB Port
- Backward Compatible
- Easy to use Configuration & Diagnostic Tools
- Memory
  2 MB Flash
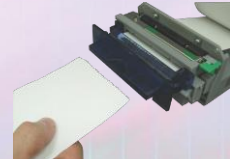 8 MB RAM
  64 Kbit FRAM
- Cutter: 1 Million Cuts

Movable Spindle Arms

Multiple Mounting Options

Blue LED Bezel with Diagnostic Feature

About Us

Nanoptix is a global printer solutions provider for point-of-sale and kiosk markets. Nanoptix offers its customers flexible solutions and excellent value.

Nanoptix

699 Champlain Street
Dieppe, New Brunswick
Canada E1A 1P6

Contact

North America TF: 1.888.983.3030
Phone: 506.384.3388
Fax: 506.384.3588
sales@nanoptix.com
www.nanoptix.com

HSVL "The Transformer" – Total Flexibility

General Specifications

Dimensions:
128mm (5.04in.)W x 142mm (5.59in.)H x 225 mm (8.86in.)D
Printer weight: 0.59kg (1.3lbs.)

Printing Characteristics

Print Speed:
- 250 mm (10 in.) per second (monochrome)
- 125 mm (5 in.) per second (two-color mode)

Print Quality:
- 640 dots per line
- 203 dots per inch
- 8 dots/mm horizontal and 16 dots/mm vertical

80 mm (3.15 in.) print zone width (near-edge printing)

Paper/Media

Type: top-coated thermal sensitive
Ticket Width options:
- 82.5mm (3.25 in.) wide
- 80mm (3.15 in.) wide
- 65mm (2.56 in.) wide

Monochrome or 2-color choices: red/black, blue/black, green/black

Power Requirements

24VDC at 2.4A Maximum
Exit Lamp: 24 VDC at 2A

Reliability

Printhead:
- 150 km or 150 million pulses for monochrome (Approximately 960,000 slot-type tickets)
- 75 km or 75 million pulses for 2-color

Cutter: 1 million cuts

Communication Interface Options

Bidirectional RS-232 (up to 57.6 Kbps)
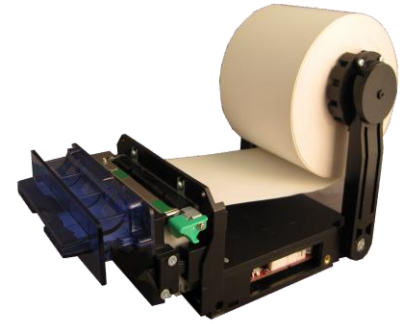Dedicated USB Communication

Regulatory Information

Meets CSA & UL Standards, FCC Class B, CE mark, ICES, RoHS Compliant

Environmental

Operating Temperature: 0° to 50° C
Storage & Shipping Temperature: -30° to 70° C
Operating Humidity: 5 to 90% RH (non-condensing)

Unique Features & Benefits

RoHS compliant

8MB RAM, 2MB Flash and 64KBit FRAM for storing code, fonts, logos, images etc.

Real Time Operating System, DSP/BIOS

Ultra fast printing & innovative jam-resistant bezel means less player interference for greater reliability & net revenue

Many emulations and protocols available

Firmware Easily Downloadable

Host-controllable buzzer/alarm

Status indicator lights: Ready, Paper Out, Tray Open, Error

Supports multiple fonts

Supported barcodes: Interleaved 2 of 5, Code 39, Code 93, UPC-A & UPC-E, Codabar, EAN 8 & EAN13, Code 128, PD417

Power-up self-test

Multiple sensors: Top of Form, Ticket In, Ticket Out, Ticket Low, Chassis Open, Cover O

Bitmap graphics: portrait, landscape and page mode.