



Product Firmware Description

Description:	Transformer™ Printer Firmware
Product:	Transformer™ Printer
Model Number:	950100
Nanoptix Version:	HSV-5.94H (TM88 – Driver)
Configuration Version:	0.25.0.6
Release Date:	January 2, 2013
Interface:	RS-232 & USB
System CRC:	0xC751 (seed = 0x0000)

Version History:

- 5.94H: Fixed issues with white space printing with the windows driver.
- 5.94G: Added a metric to count the number of steps that the paper has advanced.
 - Disabled paper auto-feed on startup.
- 5.94F: Changed Windows Driver print jobs to use Page Mode, to prevent print compression.
- 5.94E: Corrected issue with printing Windows Driver print job with whitespace.
- 5.94D: Added support for 80 mm paper.
 - Added support for External Fonts.
- 5.94B: Improved detection of the Paper Out condition with regards to waiting before printing if the paper is out.
- 5.94A: Implemented buffering of the print job if a paper out is detected. Integrated cutter rework to ensure the paper is properly re-aligned after each cut.
- 5.43D: Initial Release.



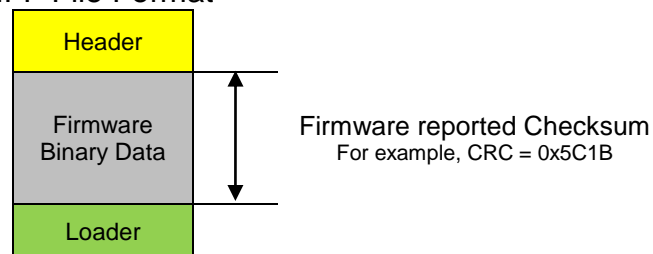
Description of Firmware Package Files

Nanoptix Firmware Package:

- (Firmware Filename).nff

This file contains the printer's firmware binary image along with all the printer's configuration settings. It also includes a header and temporary loader firmware to assist with firmware migration paths.

NFF File Format



Printer Flashing:

- FlashImageNFF.exe

This utility is used to flash the printer with the corresponding binary image (*.nff).

Firmware Memory Map

Words	Bytes	
0x200000	0x400000	Code Bank 0 (32KW / 64 KB)
0x208000	0x410000	Code Bank 1 (32KW / 64 KB)
0x210000	0x420000	Code Bank 2 (32KW / 64 KB)
0x218000	0x430000	Code Bank 3 (32KW / 64 KB)
...
0x2A8000	0x550000	Code Bank 21 (32KW / 64 KB)
0x2B0000	0x560000	Code Bank 22 (32KW / 64 KB)
0x2B8000	0x570000	Code Bank 23 (32KW / 64 KB)
0x2C0000	0x580000	Code Bank 24 (32KW / 64 KB)