



NOVA 1151

MILITARY COLOUR INKJET PRINTER

FEATURES INCLUDE:

- Compact & Light Weight Design
- 1200 x 600 dpi Colour Printing
- Automatic Duplex Printing
- MIL-STD-810G/F & MIL-STD-461E
- Very Low Power Consumption
- 0°C to 50°C Operating Temperature



PRODUCT OVERVIEW

The NOVA 1151 is a flagship, military-grade color inkjet printer. Selected by Boeing for deployment aboard the P-8I Multi Mission Aircraft, the 1151 meets MIL-STD-461 (EMI/EMC), MIL-STD-704 (transients), MILSTD-810 (shock, transportation, bench handling, vibration, crash acceleration, explosive atmosphere, sand and dust, temperature, altitude and humidity).

The NOVA 1151 uses the same Hewlett Packard 6230 print engine as Model 1101, NOVA's RCOTS sibling model. However, the NOVA 1151 is more robust, contains expanded features, and conforms to military grade specifications. From a performance perspective, Model 1151 is rated at 18 pages per minute in black mode, and up to 10 pages-per-minute in colour mode; draft printing increases speed but reduces print quality.

Standard HP ink cartridges are used. Power consumption is approximately 24W while printing and a mere ~1W in standby mode. When the internal heater option is installed, power consumption is 172W in sustained print mode and 127W in standby mode. The heater option allows the printer to operate down to -40°C. Standard I/O interfaces include USB 2.0 and Ethernet (10/100 Base-T). The USB port is pinned out to Amphenol's popular "USBFTV" FIELD circular connector. The Ethernet port is pinned out to Amphenol's "RJFTV" FIELD circular connector. Custom data connectors and power cords of can be configured.

A "Short" model is also available which reduces depth from roughly 24" to 17".

For more information on our wide range of capabilities, products, and services, please visit our web site at: www.steatite-rugged.co.uk

SPECIFICATION

Resolution	600 x 1200 dpi
Print Speed	18 ppm black / 10 ppm colour
Duplex Printing	Automatic
Memory	256MB Installed
Languages & Fonts	HP PCL 6 GUI PCL 3 Enhanced
Paper Sizes	Letter (8.5" x 11") & A4
Paper Input	225 Sheet Input Tray
Processor	500 MHz
Input Power	90-264 VAC @ 50/60HZ 18-32 VDC
Power Consumption	Printing: 25W Standby: 4W Deep Sleep: <1W 172W With Heater Max
Data Interface	Ethernet via RJFTV D38999 USB 2.0 via USBFTV D38999
Dimensions	8.8" x 19.21" x 24.3"
Weight	40 lbs
Mounting	Tabletop or ARINC Shock Tray
Operating Temperature	0°C to +50°C -40°C to +50°C With Heater
Non Operating Temperature	-40°C to +85°C

Humidity	RTCA/DO-160F, Section 6.3.1, Category A, 6% to 95% RH, non-condensing
Low Pressure	MIL-STD-810F, Method 500.4, Procedures I and II, (atmospheric pressure corresponding with -1,500 ft.)
Rapid Decompression	MIL-STD-810F, Method 500.4, Procedure III from 8,000 ft. up to 41,000 ft. in 15 sec.
Operating Altitude	-1,500 ft. to 15,000 ft
Non Operating Altitude	-1,500 ft. to 40,000 ft.
Operating Vibration	MIL-STD-810F, Method 514.5, Procedure I, Cat 8 Wheeled Vehicle, US Army CHS-3 profile
Non Operating Vibration	MIL-STD-810G, Method 514.6, Proc I, secured cargo, basic transportation
Operating Shock	MIL-STD-810F, Method 516.5 Procedure I (functional shock for wheeled vehicles)
Transportation Shock	MIL-STD-810F, Method 516.5, Procedure IV, Transit Drop
Non Operating Shock	MIL-STD-810F, Method 516.5 Procedure VI
Explosive Atmosphere	MIL-STD-810F, Method 511.4, Procedure I (up to 11,000 ft.)
Crash Acceleration	MIL-STD-810F, Method 516.5 Procedure V (16G limit)
Inclination	0° to 30° in any axis
EMI / EMC	MIL-STD-461E, Method CE101, CE102, CS101, CS102, CS114, CS115, CS116, RE101, RE102, RS101, RS103
ESD	DO-160E, Section 25
Grounding & Bonding	MIL-STD-464 & BAC5117-1
Sand & Dust	MIL-STD-810F, Method 510.4, Proc. I, II & III
Rain	MIL-STD-810F, Method 506.4, Procedure III

ORDERING TABLE

Mounting	0: Tabletop 4: Shock Tray
Power	6: 110 - 220 VAC (47 - 440 Hz) 8: 18 - 32 VDC
Heater	0: None 1: Installed
Depth	0: Long 24" 1: Short 17"
Configuration	1: Standard X: Customer Specific

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Technical Specifications quoted are verified but do not indicate the maximum performance limitations of the equipment. Specifications are subject to change without notice. E & OE Issue A

