

BLAZE 140L



Rugged LED printer

Up to 14 pages per minute

600 x 1200 dpi resolution mono

Rack or desk mounted

Pulls out on runners for ease of maintenance



The Blaze 140L is based on the OKIpage 14ex. The Blaze 140L is designed to withstand hostile environments in mobile or fixed applications, the Blaze 140L is fully compatible with your standard computer. The case is a custom-made aluminium enclosure and can be rack or shelf mounted. The key feature of this unit is that the COTS printer is suspended on shock-mounts that are on a sliding tray within the outer case. This allows the whole print engine to be moved forward out of the enclosure for rapid changing of consumables and maintenance. The Blaze 140L is unique in that it provides the robustness required together with desired accessibility to the COTS printer.

The internal shock mount system can be tailored for any vehicle, ship or portable applications. Interfaces include parallel, USB and Ethernet.

BLAZE 140L – Technical Specification

COTS	
Equipment	OKIpage 14ex
Type	LED Laser
Dimensions	(H) 300 mm x (W) 415 mm x (D) 460 mm
Weight	20.0 kg
Performance	14 pages per minute, 600 x 1200 dpi, mono
Monthly duty cycle	15000 A4 pages
Memory	4 Mb built in RAM upgradeable to 36 Mb
Paper handling	250 x A4 cut sheet input tray 150 x A4 cut sheet output tray
Compatibility	Microsoft Windows 3.1x, 95, 98, ME, NT4.0, 2000 and XP compatible with an extensive range of DOS software
Emulations	HP LaserJet 6p (PCL6), PCL5e, IBM ProPrinter and EPSON FX co-resident
Interface	Centronics parallel IEEE 1284
Interface connection	62 GB pattern 105
Power supply	220 V AC
Power connection	62 GB pattern 105
Colour	NATO Green
MTBF	TBC
MTTR	<30 minutes
EMC	DEF STAN 59-41 Land Class C Tests DCE01, DCE02, DRE01, DRE02, DRE03, DCS02, DRS02
TEMPEST	AMSG 788A
Product safety	EN60950
Noise level	<53 dB
Temperature	
Operating	10°C to +32°C
Storage	-20°C to +60°C w/out consumables DEF STAN 00-35 Test CL1 & CL4
Humidity	
Operating	30% to 70% RH @ +20°C
Storage	30% to 75% RH @ +20°C DEF STAN 00-35 Test CL7
Vibration	
Storage	Wheeled Vehicle Random Vibration Spectral Density of 0.02 g _n ² /Hz from 20 to 50 Hz reducing at 3 dB/octave to 500 Hz DEF STAN 00-35 Test M1 Para 5.2.4 random spectrum for wheeled vehicles
Shock	
Storage	DEF STAN 00-35 Test M3 basic ruggedness shock pulse 50 g _n 11 ms 1/2 sine 3 shocks in each of six directions

Impact	1.2 m onto Concrete with 0.5 cm plywood, 0.75 m for 2 drops onto each of 6 faces DEF STAN 00-35 Test M5 para 4.2.1 packaged
Bump	40 g _n 6 ms 1/2 sine 4000 bumps DEF STAN 00-35 Test M12 packaged
Drip proof	Survival - Ambient temp for 15 minutes DEF STAN 00-35 Test CL28
Drop & topple	DEF STAN 00-35 Test M4 para 4.1.2 & 4.1.3
Sand & dust Survival	DEF STAN 00-35 Test CL25 turbulent dust cat 2, 8 hours
Fluid contamination	Designed to Meet - DEF STAN 00-35 Test CN4 3 cycles, 8 hours wetting/ 16 hours draining for each fluid at +50°C+/-2°C
Corrosion, acid survival	Designed to Meet - DEF STAN 00-35 Test CN2 & CN3 severity 1, four 7 day cycles
Salt fog	Designed to Meet - DEF STAN 00-35 Test CN2 severity 1, 24 hour cycle

Option (POA)

Colour	Light Admiralty Grey, customised
Interface	USB/Ethernet upgradeable to 36 MB
Mounting	19" rack mount kit
Warranty	3 or 5 year return to base extended warranty

Preliminary specification - subject to change