



BLAZE 500M

This rugged dot-matrix printer is based around the OKI 280 commercial unit. It has been housed in a rugged casing and is internally shock mounted, enabling it to withstand shocks of up to 37g. Whilst stored, this printer is resistant to sand, dust and water ingress.

The Blaze 500M is a top loading printer that is able to print on continuous stationery or on single sheet A4. This printer can be connected via a standard parallel interface, and can operate from either AC or DC power sources and is auto-sensing and auto-switching.

Weighing 11 kg the Blaze 500M is light-weight and is suitable for mounting in vehicles as well as deployment in out-of-barracks environments.

The standard unit is fitted with 4 rubber feet for direct to desk placement, finished in Olive Drab paint, identification labels, starter ribbon, a 2 metre AC power cable with UK 13 amp plug, Blaze 500M user guide, driver disks, commercial packaging and 12 months Return to Base warranty.

Options:

- Extended Warranty
- Paint Finish in Light Admiralty Grey or a custom colour
- Quick Release Platform Mounting Kit
- 19" Rack Mounting Kit
- 5 metre Parallel Cable (25way D type to 25way D type)
- 2 metre DC Power Cable (unterminated)

If required the customer can specify any special connectors on the power supply or system end of cable, these changes to connector shall be supplied at additional cost via a separate quotation.



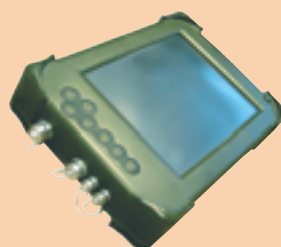
FEATURES:

- Rugged 9 pin dot-matrix printer
- 28 V DC, 110/115 & 200/250 VAC
- 240 x 216 dpi resolution in mono
- Fanfold and or cut sheet
- Parallel Interface

OTHER RELATED PRODUCTS:



Rugged Printers



Rugged Tablet PC



Rugged Computers



BLAZE 500M - TECHNICAL SPECIFICATIONS

Specification	
COTS Equipment	OKI ML280
Type	Dot-Matrix
Dimensions	(H) 180 mm x (W) 410 mm x (D) 415 mm
Weight	11 kg approx
Performance	300 cps draft, 144x144 dpi, 50 cps letter quality (10 & 12 cpi)
Memory	2 Kb standard
Paper Handling	Top feed continuous or single cut sheet A4
Compatibility	Microsoft Windows 95, 98 & NT4
Emulations	Epson FX, OKI Microline, IBM Graphics / Proprinter
Interface	Centronics compatible parallel IEEE 1284 - via 26 way 62GB pattern 105
Power Supply	200/250 VAC (50/60 Hz), 110/115 VAC (50/60 Hz) & 28 VDC
Power Connection	62GB pattern 105 (AC & DC)
Colour	NATO Green
Life	Head life - 200 million characters, Ribbon life - 3 million characters (re-inking cartridge)
MTBF	10000 power on hours
MTRR	<30 minutes
EMC	EN55022, Certified - DEF STAN 59-41 Land Class C, aircraft and ships
TEMPEST	Certified - BTR/01/210
Product Safety	EN60950
Noise Level	<55 dB
Temperature Operating	-20°C to +55°C
Temperature Storage	-40°C to +65°C, Certified - DEF STAN 07-55 Test B1 & B4
Humidity Operating	90% to 95% RH @ +55°C > 16 hrs <75% RH @ +55°C, Certified - DEF STAN 07-55 Test B7

Specification	
Altitude Storage	712 mb to 1314 mb and 1030 mb above atmospheric pressure, Certified - DEF STAN 07-55 Test B15 & B21, NES 1004 data sheet 14
Vibration Operating	Random 20-500 Hz, 0.1gn ² /Hz
Storage	5-350 Hz ±6 mm (or 2gn peak) Certified - DEF STAN 00-35 Part 3 Test M1 Para 5.2 & 5.7
Shock Storage Impact	Peak acceleration 366 m/s ² Certified - DEF STAN 00-35 Test M5
Drip Proof	Storage/Transport - 350l/m ² /h for 15 minutes from 1 m above Certified - DEF STAN 07-55 Test D4
Drop & Topple	50 mm onto steel faced concrete, Certified - DEF STAN 00-35 Test M4 (4.1.2, 4.1.3, 4.1.4, 4.1.5)
Sand & Dust	Storage/Transport - Sand and dust @ 1.4 g/m ³ turbulent conditions for 1 hour, Certified - DEF STAN 07-55 Test D1
Fluid Contamination	Resistance to engine oil, brake fluid, bleach (20%), detergent, coffee, Coca Cola, Certified - DEF STAN 07-55 Test C4
Corrosion, Acid Survival	Storage/Transport - sulphur dioxide spray - 3 kg SO ₂ /m ³ Certified - DEF STAN 07-55 Test C3
Salt Fog	Storage/Transport - 0.33l/m ³ density @ 95 % RH and +30°C to + 35°C, Certified - DEF STAN 07-55 Test C5
Tilt Resistance	Operating/Storage/Transport - survive a 30° permanent tilt in any direction, Designed to Meet - NES 1004 data sheet 36
Ship & Submarine Motion	Remains secure and operates at its design performance when subjected to the action of the sea and deliberate manoeuvres, Designed to Meet - NES 1004 data sheet 35



Specifications are subject to change without notice. E&OE Issue: C-03.06