

Black Knight Series



Handheld Laser Scanner

BL-2000

Single-Line Laser Scanner

BL-2000



Specifications

* The product is compliant with RoHS

General	
Interface	Keyboard Wedge , RS-232 , USB
Supported Symbolologies	UPC-A,UPC-E,EAN-8,EAN-13,UCC/EAN128,JAN,ISBN,ISSN,CODE11,CODE39,CODE93,CODE32,CODE128,Codebar,UK Plessey,Telepen Interleave 2 of 5,Industrial 2 of 5,Matris 2 of 5,IATA 2 of 5,China Post Code,MSI,Codabar,UK Plessey,Telepen,RSS-14,RSS-Limited,RSS-Expanded
Optical	
Optical sensors	Photo diode
Width of Field	120mm (Code 39 1mm code)
Light source	Laser diode (650nm)
Depth of Field	10mm ~ 330 mm for 0.37mm (15.6mil) bar codes
Resolution	0.125mm (5mil)
Ambient Light	3000 Lux/Max (Fluorescent Light)
Scanning contrast gradient	= > 45%
Scanning angle	36° ± 2°
Electrical	
Power Supply Voltage	5VDC ± 5%
Working currents	< 135mA
Standby currents	< 65mA
Reading indicator	Beeper and LED
Scan Rate	100 scans/sec
Environment	
Temperature in operation	0° C ~ 50° C
Temperature in storage	-20° C ~ 60° C
Humidity in operation	20%RH ~ 85%RH
Humidity in storage	10%RH ~ 90%RH
Safety Approval	CE,RoHS Approved
Physical	
Housing Material	ABS plastic
Cable length	1.5M
Weight scanner	220g ± 5g (with cable)
Dimensions	160mm(L) x 68mm(W) x 88mm(H)
Shock resistance	Approved by 1.5M drop test onto concrete ground
Warranty	2 Years



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