

OPERATIONAL

Light Source	Visible Laser Diode 650 nm
Laser Power	1.1 mW (peak)
Decode Capability	Autodiscriminates all standard 1D bar codes, including RSS-Expanded, RSS-14 and RSS-14 Limited; for other symbologies call Metrologic
System Interfaces	RS232, Keyboard Wedge, Stand Alone Keyboard, IBM 468/469x, USB, OCIA
Number Characters Read	Up to 80 data characters
Beeper Operation	7 tones or no beep
Indicators	Blue = laser on, ready to scan White = good read

MECHANICAL

Length (scanner only)	189 mm (7.44")
Width (scanner only)	65 mm (2.56")
Height (scanner only)	73 mm (2.88")
Weight (scanner only)	195 g (6.9 oz)
Termination	10 position modular RJ45 connector
Cable	Standard 2.1 m (7') straight; optional 2.7 m (9') coiled for other cables call Metrologic

ELECTRICAL

Input Voltage	5 VDC ± 0.25 V
Power	1.375 W
Operating Current	275 mA typical @ 5 VDC
DC Transformers	Class 2; 5.2 VDC @ 650 mA
Laser Class	Class 1; IEC60825-1:1993/A1:1997 + A2:2001 Class 1; EN60825-1:1994/A11:1996 + A2:2001
EMC	FCC, ICES-003 & EN55022 Class A

ENVIRONMENTAL

Operating	-20°C to 40°C (-4°F to 104°F)
Storage Temperature	-40°C to 60°C (-40°F to 140°F)
Humidity	5% to 95% relative humidity, non-condensing
Light Levels	Up to 4842 Lux (450 footcandles)
Contaminants	Sealed to resist airborne particulate contaminants
Ventilation	None required
Drop/Shock	Withstands multiple 1.5 m drops

Product Colors Available

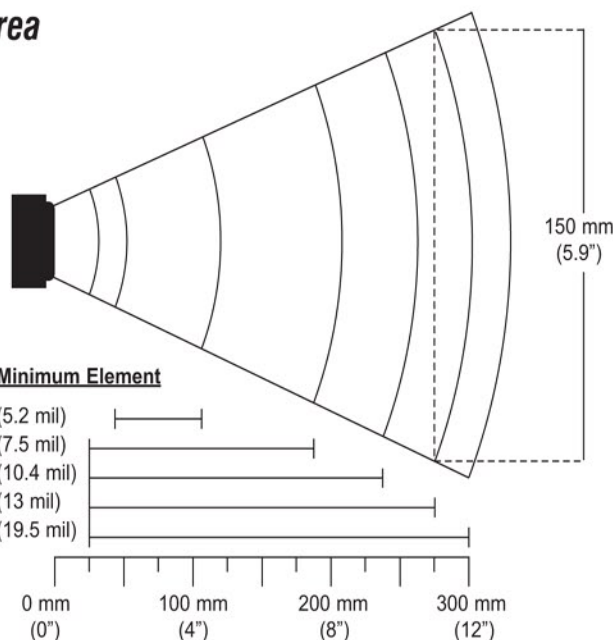


MS3780 is available in a variety of other colors with minimum quantity purchase

SCAN PERFORMANCE

Depth of Scan Field (programmable)	25 mm - 279 mm (1" - 11") for 0.33 mm (13 mil) bar code at default setting
Width of Scan Field	30 mm (1.2") @ 25 mm (1.0"); 150 mm (5.9") @ 280 mm (11.0")
Scan Speed	1,333 scan lines/sec, omnidirectional; 67 scan lines/sec, single-line
Scan Pattern	5 fields of 4 parallel lines omnidirectional; or button activated single line
Number of Scan Lines	20 (omnidirectional); or 1 (single-line)
Minimum Bar Width	0.127 mm (5.0 mil)
Print Contrast	35% minimum reflectance difference
Roll, Pitch, Yaw	360°, 60°, 60°

Scan Area



Sunrise 2005 Compliant

Specifications subject to change without notice.