

MS3580 Quantum T™

OPERATIONAL

Light Source	Visible Laser Diode 650 nm
Laser Power	1.1 mW (peak)
Depth of Scan Field (programmable)	19 mm - 273 mm (.75" - 10.75") 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	1650 scan lines /sec, omnidirectional; 80 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)
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, Light Pen Emulation, Keyboard Wedge, Stand Alone Keyboard, IBM 468x/469x, USB (low speed and full speed), Laser Emulation, OCIA
Print Contrast	35% minimum reflectance difference
Number Characters Read	Up to 80 data characters
Roll, Pitch, Yaw	360°, 60°, 60°
Beeper Operation	7 tones or no beep
Indicators	Blue = laser on, ready to scan White = good read

MECHANICAL

Length	66 mm (2.60")
Width	67 mm (2.65")
Height	108 mm (4.25")
Weight	170 g (6.0 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

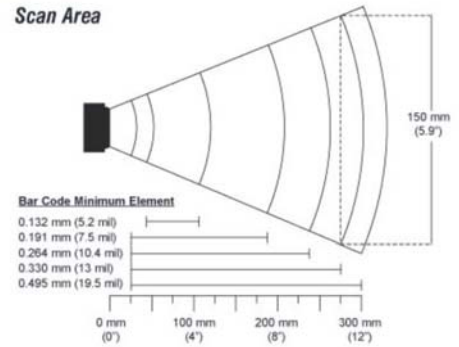
ELECTRICAL

Input Voltage	5 VDC ± 0.25 V
Power	1.825 W
Operating Current	365 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

Scan Area



Dimensions

