Honeywell

MS5100

Eclipse Series

User's Guide

Design Specifications

Operational

Light Source:	**V**isible **L**aser **D**iode (VLD) @ 650 nm	
Laser Power:	Less than 1.0 mW average	
Embedded Laser:	Max Power:	10 mW
	Wavelength:	650 nm
Depth of Scan Field:	0 mm – 140 mm (0" – 5.5")	0.33 mm (13 mil) Bar Code
Scan Speed:	72 ± 2 scan lines per second	
Scan Pattern:	Single scan line	
Minimum Bar Width:	0.089 mm (3.5 mil)	
Decode Capability:	Autodiscriminates all standard bar codes. For other code types, call a customer service representative.	
System Interfaces:	RS232, Keyboard Wedge, USB, Light Pen Emulation, RS485, Stand Alone Keyboard	
Print Contrast:	35% minimum reflectance difference	
No. Characters Read:	Up to 80 data characters. The maximum number will vary based on symbology and density.	
Roll, Pitch, Yaw:	38°, 67°, 52°	
Beeper Operation:	7 tones or no beep	
Indicators (LED):	Red = good read	
	Green = laser on, ready to scan	

Mechanical

	Length:	170 mm (6.7")
Width	Head:	63 mm (2.5")
	Handle:	39 mm (1.5")
Height	Head:	35 mm (1.4")
	Handle:	31 mm (1.2")
	Weight:	100.8 g (3.56 oz)

Specifications subject to change without notice.