CHAPTER

9

PRODUCT SPECIFICATIONS

Voyager 1250g Scanner Product Specifications

Parameter	Specification
Mechanical	
Height	6.63 in. (168mm)
Length	3.22 in. (88mm)
Width	2.45 in. (62mm)
Weight	4.69 oz. (133g)
Electrical	
Input Voltage	5V ± 5%
Operating Power	700mW; 140 mA (typical) @ 5V
Standby Power	425mW; 85 mA (typical) @ 5V
Environmental	
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Humidity	5 to 95% non-condensing
Drop	Operational after 30 drops to concrete from 5 ft. (1.5m)
Environmental Sealing	IP40
Light Immunity	75,000 lux (direct sunlight)
ESD	15kV Air, 8kV contact
Scan Performance	
Scan Pattern	Single scan line
Scan Angle	Horizontal: 30°
Scan Speed	100 scan lines per second
Print Contrast	20% minimum reflectance difference
Pitch, Skew	60°, 60°
Decode Capabilities	Reads standard 1D and GS1 DataBar symbologies

Depth of Field

Typical Performance

Bar code	Standard Range
5.0 mil	57 mm – 139 mm (2.2” – 5.5”)
7.5 mil	28 mm – 245 mm (1.1” – 9.7”)
10.4 mil	9 mm – 369 mm (0.4” – 14.5”)
13 mil	0 mm – 446 mm (0.0” – 17.6”)

Guaranteed Performance

Bar code	Standard Range
5.0 mil	65 mm – 129 mm (2.6” – 5.1”)
7.5 mil	35 mm – 230 mm (1.4” – 9.1”)
10.4 mil	20 mm – 350 mm (0.8” – 13.8”)
13 mil	0 mm – 419 mm (0.0” – 16.5”)

Note: Resolution at 4 mil (0.127mm)
Performance may be impacted by bar code quality and environmental conditions.

Standard Cable Pinouts

Note: The following pin assignments are not compatible with Honeywell legacy products. Use of a cable with improper pin assignments may lead to damage to the unit. Use of any cables not provided by the manufacturer may result in damage not covered by your warranty.