

MS7580 Genesis Technical Specifications

Operational

Light Source	Visible Red LED 645 nm ± 7.5 nm
Visual Indicators	Blue = ready to scan; White = good read
Host System Interfaces	USB, RS232, Keyboard Wedge, IBM 46xx (RS485)
Auxiliary Ports	EAS with interlock (EAS model)

Mechanical

Dimensions (LxWxH)	80 mm x 83 mm x 150 mm (3.2" x 3.3" x 5.9")
Weight	340 g (12 oz)

Electrical

Input Voltage	12 VDC ± 0.25 V
Operating Power (typical)	2.3 W (192 mA @ 12 V)
Standby Power (typical)	1.7 W (142 mA @ 12 V)
DC Transformers	Class 2: 12 VDC @ 1.25 A
LED Class	Class 1: IEC60825-1, EN60825-1
EMC	FCC Part 15, ICES-003, EN55022 Class B

Environmental

Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-40°C to 60°C (-40°F to 140°F)
Humidity	0% to 95% relative humidity, non-condensing
Drop	Designed to withstand 1.5 m (5') drops
Environmental Sealing	Sealed to resist airborne particulate contaminants
Light Levels	100,000 Lux (9,290 foot-candles)

Scan Performance

Scan Pattern	Area Image (1280 x 768 pixel array)
Motion Tolerance	200 cm/s (78 in/s) for 13 mil UPC at optimal focus
Scan Angle	Horizontal: 46°; Vertical: 28°
Print Contrast	20% minimum reflectance difference
Pitch, Skew	70°, 75°
Decode Capability	Reads standard 1D, PDF, 2D, Postal and OCR symbologies. Visit www.honeywell.com/aidc/symbologies for details. *Note: Decode capabilities dependent on kit configuration
Warranty	2 year factory warranty



For more information:
www.honeywell.com/aidc



Wall mount
MLPN 46-00913

Typical Performance*	
Narrow Width	Depth of Field
5.2 mil (1D)	40 mm - 80 mm (1.6" - 3.1")
7.5 mil (1D)	30 mm - 120 mm (1.2" - 4.7")
10.4 mil (1D)	20 mm - 140 mm (0.8" - 5.5")
13 mil (1D)	0 mm - 152 mm (0" - 6.0")
10.0 mil (PDF)	0 mm - 120 mm (0" - 4.7")
15.0 mil (PDF)	30 mm - 120 mm (1.2" - 4.7")
*Resolution: 1D: 4 mil (0.102 mm) 2D: 7.5 mil (0.19 mm)	
*Performance may be impacted by bar code quality and environmental conditions	

Honeywell Security & Data Collection

Honeywell Scanning & Mobility
90 Coles Road
Blackwood, NJ 08012
856.228.8100
www.honeywell.com

