MS2300 StratosH Technical Specifications

Operational

Light Source	Visible Laser Diode 650 nm ± 10 nm
Visual Indicators	Blue = ready to scan; White = good read; 7-segment display = diagnostic indicator
Host System Interfaces	USB, RS232, IBM46xx (RS485), OCIA
Auxiliary Ports	RS232: secondary scanner, EAS

Mechanical

Length	MS2320 (full-size scanner with scale): 508 mm (20″); MS2321 (full-size scanner only): 508 mm (20″) MS2322 (compact-size scanner only): 420 mm (16.5″)
Width	292 mm (11.5″)
Depth (Below Counter)	100 mm (4″)
Height (Above Counter)	178 mm (7″)
Weight	MS2320 (full-size scanner with scale): 11.8 kg (26 lb); MS2321 (full-size scanner only): 7.7 kg (17 lb) MS2322 (compact-size scanner only): 7.3 kg (16 lb)

Electrical

Input Voltage	5.2 VDC ± 0.25 VDC; 12 VDC ± 0.5 VDC
Operating Power (typical)	13.25 W (810 mA @ 5.2 V; 750 mA @ 12V)
Standby Power (typical)	3.25 W (435 mA @ 5.2 V; 80 mA @ 12 V)
DC Transformers	Class 1: 5.2 V @ 1.5 A; 12 V @ 1.5 A
Laser Class	Class 1: IEC60825-1; EN60825-1
EMC	FCC Part 15, IECS-003, EN55022 Class A

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	5% to 95% relative humidity, non-condensing
Environmental Sealing	Sealed to resist airborne particulate contaminants
Light Levels	4842 Lux (450 foot-candles)

Scan Performance

Depth of Scan Field (Horiz/Vert)	H: 0 mm - 152 mm (0″ - 6″); V: 0 mm - 216 mm (0″ - 8.5″) for 0.33 mm (13 mil) bar code
Sides Read/Scan Zone	6 / 360°
Scan Pattern	Omnidirectional: 66 scan lines (Horizontal: 38 scan lines; Vertical: 28 scan lines)
Scan Speed	5280 scan lines per second
Resolution	6 mil (0.152 mm)
Print Contrast	35% minimum reflectance difference
Pitch, Skew	60°, 60°
Decode Capability	Reads standard 1D and GS1 DataBar symbologies. Visit www.honeywell.com/aidc/symbologies for details.
Warranty	2 year factory warranty

Scale Specifications	
Capacity	0-6 kg x 0.002 kg; 6-15 kg x 0.005 kg; (0-15 lb x 0.005 lb; 15-30 lb x 0.01 lb)
Minimum Legal Weight	40 g (0.1 lb)
Interfaces	RS232, adapter cables available
Communication	Protocols included work with most popular POS systems
Operating Range	-10°C to 40°C (14°F to -104°F); 0-85% humidity; non-condensing
Automatic Zero Maintenance	Assures a stable zero reading
Approvals	NTEP, OIML, CE

For more information:

www.honeywell.com/aidc

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