

MS2122 StratosE

Bioptic Scanner

Honeywell's MS2122 StratosE® is the smallest 6-sided, 360°-bioptic scanner in the market designed for high throughput POS applications requiring enclosures around the vertical tower and cash box in front of the scanner.

StratosE offers a compact form factor, including a 399 mm (15.7") length and 100 mm (4") below counter depth, is designed to allow easy integration into most of today's seated and standing checkout environments. Its patented modular independent scanning planes simplify set up, minimize downtime and maximize customer satisfaction.

The MS2122 StratosE maximizes return on investment with two analytical tools for tracking, managing and improving checkout productivity and efficiency. StratosSTATS™ provides real-time visibility into key data points directly impacting checkout productivity. StratosSCHOOL™ captures information necessary to improve operator scanning techniques and safety.

Additionally, StratosE features a powered RS232 auxiliary port for integration of a hand-held bar code scanner, flash ROM firmware upgrade capability, MetroSet®2 PC based configuring and sapphire or diamonex based horizontal glass.

For more information on the MS2122 StratosE bioptic scanner, please visit www.honeywell.com/aidc



Features

- **6-sided, 360°-Scanning:** Improves productivity and operator ergonomics by reducing product orientation
- **StratosSYNC™ Independent Scanning Planes:** Maintains productivity and uptime via independent scanning planes
- **StratosSWAP™ Pre-Aligned Optical Scanning Modules:** Minimizes downtime and lowers the cost of service via modular optical scan engines
- **StratosSTATS Productivity Analytical Software:** Provides data critical to maintaining checkout productivity
- **StratosSCHOOL Operator Training Software:** Improves productivity and promotes safer scanning techniques

MS2122 StratosE 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	399 mm (15.7")
Width	292 mm (11.5")
Depth (Below Counter)	100 mm (4")
Height (Above Counter)	178 mm (7")
Weight	6.8 kg (15 lbs)

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, ICES-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") for 0.33 mm (13 mil) bar code; 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



For more information:

www.honeywell.com/aidc

Honeywell Security & Data Collection

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