

MS2400 Stratos

Bioptic Scanner/Scale

Honeywell's MS2400 Stratos® 5-sided, 360°-bioptic scanner/scale increases productivity in demanding, high-volume seated and small checkout environments. Patented independent scanning planes and modular design promote easy set up, lower maintenance costs and ensure continuous operation.

The MS2400 Stratos is the newest member of the company's premier line of 360°-bioptic scanners.

The MS2400 Stratos features a faster microprocessor, enhanced signal processing, enriched decoding software and an optimized vertical scan pattern.

To help retailers boost checkout productivity, Honeywell redesigned the StratosSPHERE™ scanning architecture. StratosSPHERE powers the scanner's high first-pass read rate and gives operators using a rapid scanning motion the ability to process a product in a single pass regardless of bar code type or orientation.

Unlike other bioptic devices, MS2400 is the only one to offer pre-aligned optical scanning modules, and independent scanning planes which enable the scanner to maximize uptime and maintain productivity.

The MS2400 Stratos 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.

For more information on the MS2400 Stratos bioptic scanner/scale, please visit www.honeywell.com/aidc



Features

- **5-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

MS2400 Stratos Technical Specifications

Operational

Light Source	Visible Laser Diode 650 nm \pm 10 nm
Visual Indicators	Steady Blue = ready to scan; Flashing Blue = good read; Amber = scale at zero; 7-segment display = diagnostic indicator
Host System Interfaces	USB, RS232, IBM46xx (RS485)
Auxiliary Ports	RS232: secondary scanner, EAS

Mechanical

Length	MS2420 (compact scanner with scale) 399 mm (15.7"); MS2421 (compact scanner only) 399 mm (15.7"); MS2422 (sub compact scanner only) 353 mm (13.9")
Width	292 mm (11.5")
Depth (Below Counter)	100 mm (4")
Height (Above Counter)	130 mm (5.1")
Weight	MS2420 (compact scanner with scale) 9.97 kg (22 lbs); MS2421 (compact scanner only) 7.20 kg (16 lbs); MS2422 (sub compact scanner only) 6.80 kg (15 lbs)

Electrical

Input Voltage	5.2 VDC \pm 0.25 VDC; 12 VDC \pm 0.5 VDC
Operating Power (typical)	11 W (1670 mA @ 5.2 V; 190 mA @ 12 V)
Standby Power (typical)	5.5 W (610 mA @ 5.2 V; 190 mA @ 12 V)
DC Transformers	Class 1: 5.2 V @ 2.5 A; 12 V @ 0.8 A
Laser Class	Class 1: IEC60825-1; EN60825-1
EMC	FCC Part 15, IEC60825-1; 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	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 - 100 mm (0"-4"); V: 0 mm - 216 mm (0"-8.5") for 0.33 mm (13 mil) bar code
Sides Read/Scan Zone	5 / 360°
Scan Pattern	Omnidirectional: 54 scan lines (Horizontal: 38 scan lines; Vertical: 16 scan lines)
Scan Speed	5400 scan lines per second
Resolution	5 mil (0.127 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

Honeywell Scanning & Mobility

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Scale Specifications	
Capacity	15 kg (30 lb)
Minimum Legal Weight	0.005 kg (0.01 lb)
Maximum Static Weight	68 kg (150 lb)
Adjustments Required	Field calibration if necessary
Applications	Weight-only and price computing
Scale Partners	Avery Berkel®, Bizerba®, Dibal®, Digi®, and Mettler Toledo®

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