

# **Stratos 2400 Series**

# Bioptic Scanner/Scale

Honeywell's Stratos® 2400 5-sided, 360°-bioptic scanner/scale increases productivity in demanding, high-volume seated environments where shorter vertical towers are required, and poor quality and high-density bar codes are prevalent. Independent scanning planes and a modular design lower maintenance costs and ensure continuous operation.

The Stratos 2400 series provides retailers with the ability to deploy a single scanner platform across multiple store formats around the world, including stores with 353 mm (13.9"), 399 mm (15.7"), and 508 mm (20") scanner footprints.

Aggressive scan performance on high density and poor quality bar codes minimizes the need for manual keying. The 2400 also excels at scanning GS1 DataBar $^{\text{TM}}$  codes, ensuring compliance with sunrise initiatives.

Rapid pass-through scanning allows cashiers to maintain a constant motion across a wide range of bar codes, leading to faster customer processing, shorter lines, optimization of the number of open checkout lanes, and lower labor and energy costs.

Unlike other bioptic devices, 2400 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 Stratos 2400 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.



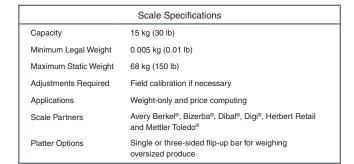
#### **Features**

- 5-sided, 360°-Scanning: Improves productivity and operator ergonomics by reducing product orientation
- StratosSYNC<sup>™</sup> Independent Scanning Planes: Maintains productivity and uptime via independent scanning planes
- StratosSCHOOL Operator Training Software: Improves productivity and promotes safer scanning techniques
- StratosSWAP<sup>™</sup> 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
- Remote MasterMind™ Scanner Management Sofware: Offers a quick and convenient solution for IT administrators seeking to manage all scanners within their network from a single remote location
- Flip-Up Weigh Bar: Single or three-sided options allow cashiers to accurately weigh oversized produce, reducing shrink loss

## **Stratos 2400 Technical Specifications**

Operational				
Light Source	Visible Laser Diode 650 nm ± 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				
Product	Length	Width	Depth (Below Counter)	Height (Above Counter
2420 (compact scanner with scale)	399 mm (15.7´)	292 mm (11.5")	100 mm (4")	130 mm (5.1")
2421 (compact scanner only)	399 mm (15.7")	292 mm (11.5")	100 mm (4")	130 mm (5.1")
2422 (sub compact scanner only)	353 mm (13.9″)	292 mm (11.5")	100 mm (4")	130 mm (5.1")
2430 (full-size scanner with scale)	508 mm (20″)	292 mm (11.5")	100 mm (4")	130 mm (5.1")
2431 (full-size scanner only)	508 mm (20″)	292 mm (11.5")	100 mm (4")	130 mm (5.1")
Electrical				
Input Voltage	5.2 VDC ± 0.25 VDC; 12 VDC ± 0.5 VDC			
Operating Power	11 W (1670 mA @ 5.2 V; 190 mA @ 12 V)			
Standby Power	5.5 W (610 mA @ 5.2 V; 190 mA @ 12 V)			
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			
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	4.5 mil (0.114 mm)			
Print Contrast	35% minimum reflectance difference			
Decode Capability	Reads standard 1D and GS1 DataBar symbologies			
Warranty	2 year factory warranty			

For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance For a complete listing of all supported bar code symbologies, please visit www.honeywellaidc.com/symbologies





#### For more information:

www.honeywellaidc.com

### **Honeywell Scanning & Mobility**

9680 Old Bailes Road Fort Mill, SC 29707 800.582.4263 www.honeywell.com

