

# StratosH 2300 Series

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## Bioptic Scanner/Scale

Honeywell's StratosH® 2300 6-sided, 360°-bioptic scanner/scale provides retailers with high-throughput productivity and aggressive first-pass scanning performance. Its patented modular independent scanning planes simplify set up, minimize downtime and maximize customer satisfaction.

StratosH ensures checkout efficiency with StratosSYNC™ and StratosSWAP™. Both features capitalize on Honeywell's patented modular scanner configuration of independent vertical and horizontal scanning planes.

The StratosH form factor is available in several lengths and boasts a 4-inch-below counter depth for easy integration into most checkout environments.

The StratosH 2300 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.

StratosH also features RS232 auxiliary port, Flash ROM firmware upgrade capability, MetroSet®2 PC-based configuring and sapphire or Diamonex® horizontal window.



## Features

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- **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

# StratosH 2300 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

| Product                             | Length         | Width          | Depth (Below Counter) | Height (Above Counter) |
|-------------------------------------|----------------|----------------|-----------------------|------------------------|
| 2320 (full-size scanner with scale) | 508 mm (20")   | 292 mm (11.5") | 100 mm (4")           | 178 mm (7")            |
| 2321 (full-size scanner only)       | 508 mm (20")   | 292 mm (11.5") | 100 mm (4")           | 178 mm (7")            |
| 2322 (compact-size scanner only)    | 420 mm (16.5") | 292 mm (11.5") | 100 mm (4")           | 178 mm (7")            |

## Electrical

|                 |  |
|-----------------|--|
| Input Voltage   | 5.2 VDC ± 0.25 VDC; 12 VDC ± 0.5 VDC   |
| Operating Power | 13.25 W (810 mA @ 5.2 V; 750 mA @ 12V) |
| Standby Power   | 3.25 W (435 mA @ 5.2 V; 80 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 - 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   |
| Decode Capability                | Reads standard 1D and GS1 DataBar symbologies  |
| Warranty                         | 3 year factory warranty  |

For a complete listing of all compliance approvals and certifications, please visit [www.honeywellaidc.com/compliance](http://www.honeywellaidc.com/compliance)  
 For a complete listing of all supported bar code symbologies, please visit [www.honeywellaidc.com/symbologies](http://www.honeywellaidc.com/symbologies)



For more information:  
[www.honeywellaidc.com](http://www.honeywellaidc.com)

| 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  |

## Honeywell Scanning & Mobility

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