

# ORBIT HF680

## 2D Hands-Free Area-Imaging Scanner

Honeywell's Orbit HF680 point-of-sale hands free/presentation scanner is the perfect blend of affordability, performance and style.

With the Orbit HF680, retailers no longer have to compromise their budgets to get performance and a modern design. Get it all with Honeywell's Orbit HF680.

Customers will zip through the checkout line with the Orbit HF680's lightning fast scanning of both 1D and 2D barcodes. And the Orbit HF680 minimizes checkout delays by quickly scanning traditionally difficult to read digital barcodes and even damaged barcodes.

The Orbit HF680 scanning is not only fast, it's also unobtrusive. The low profile, recessed LED lights in the scan window light up barcodes without irritating your customers. And when the scanner is not in use, its lighting will automatically turn off.



*Primarily a presentation style scanner, the Orbit HF680's unique shape allows for operators to comfortably pick up the scanner to easily scan large, bulky items. For added flexibility, the scanning head can be tilted up or down for faster and easier scanning of various sized or shaped products.*

## FEATURES AND BENEFITS



### FASTER SCANNING

With its Megapixel sensor and 1Ghz processor, the Orbit HF680's fast scanning will speed customers through the checkout line – even when presented with digital or damaged barcodes.



### SIMPLIFIED SCANNER INTEGRATION

Save time by rapidly configuring the Orbit HF680 with Honeywell's EZConfig configuration utility. Simplify installations with OPOS/JPOS drivers that ensure scanner compatibility with various POSs.



### MODERN STYLING

The Orbit HF680 provides retailers a scanner that can be displayed proudly at the checkout counter.



### GREAT PRICE

Exceptional performance and design at an exceptional price.

**Honeywell**

# Orbit HF680 Technical Specifications

## PHYSICAL

**Dimensions:** (L × W × H): 85 mm × 88 mm × 139 mm  
**Weight:** 278 +/-10g

## ELECTRICAL

**Input voltage:** 5 VDC ±0.5V  
**Working:** 2.0 W (400 mA @ 5V)  
**Standby:** 0.85 W (170 mA @ 5V)  
**Host interface:** USB, RS-232

## ENVIRONMENTAL

**Operating temperature:** -10°C to 40°C (14°F to 104°F)  
**Storage temperature:** -40°C to 60°C (-40°F to 140°F)  
**Humidity:** 0% to 95%RH, no condensation  
**Drop:** Designed to withstand 1 m drops  
**Illuminance:** 0-100,000 Lux

## SCANNING PERFORMANCE

**DPI:** 1280 × 800 pixel  
**Motion tolerance:** Up to 2.5 m/s for 13 mil UPC at optimal focus  
**Scan angle:** Horizontal: 47°; Vertical: 30°  
**Print Contrast:** 20% minimum reflectance difference  
**Pitch, Skew:** +/-60°, +/-70°  
**Decode Capability:** Reads standard 1D, PDF, 2D Symbolologies  
**Note:** Decode capabilities dependent on kit configuration.  
**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).

## DEPTH OF FIELD (DOF)

| Typical performance* |                |
|----------------------|----------------|
| Narrow Width         | Depth of Field |
| 5.0 mil Code 39      | 0 mm – 100 mm  |
| 6.7 mil PDF          | 0 mm – 110 mm  |
| 10 mil DM            | 0 mm – 90 mm   |
| 13 mil UPC-A         | 0 mm – 210 mm  |
| 20 mil Code 39       | 0 mm – 300 mm  |
| 20mil QR             | 0 mm – 210 mm  |

\* Minimum Resolution: 1D: 3 mil; 2D: 6.7 mil  
\* Performance may be impacted by barcode quality and environmental conditions.

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