

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, it's lighting will automatically turn off.

Primarily a presentation style scanner, the scanner'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 & 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.



Simplify 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.

Orbit HF680 2D Hands-Free Area-Imaging Scanner Technical Data

Physical

Dimensions (L x W x H): 85 mm x 88 mm x 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 x 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 Symbologies

Note: Decode capabilities dependent on kit configuration.

Warranty: 3-year factory warranty

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.

For more information, please visit:

www.honeywellaidc.com

Honeywell Safety and Productivity Solutions

9680 Old Bailes Road

Fort Mill, SC 29707

800-582-4263

www.honeywell.com

Orbit HF680 Data Sheet | Rev 09/30
© 2020 Honeywell International Inc.

THE
FUTURE
IS
WHAT
WE
MAKE IT

Honeywell