

# Eclipse 5145

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## Single-Line Laser Scanner

Honeywell's Eclipse 5145™ is a low cost laser-based alternative to CCD scanners. Its compact form factor and high end feature set simplify its use in a variety of applications at the press of a button.

Eclipse is a single-line, hand-held laser scanner. Equipped with Honeywell's patented CodeGate® technology, Eclipse can be used in a wide variety of applications. CodeGate® technology allows the user to easily target the desired bar code and complete data transmission with the press of a single button. This makes Eclipse a perfect selection for menu scanning, point-of-sale, document processing and inventory control.

With Honeywell's state-of-the-art scanning technology, the Eclipse 5145 has a longer working range and a wider scan field than a typical CCD. The width of the scan line grows as the scanner moves further away from bar codes.

CodeSense® is a unique feature employed by Eclipse in the absence of infrared object detection. It provides the user with a pulsing laser line for bar code detection. When a bar code is detected, the laser line switches to a constant state to allow for scanning via CodeGate®.



## Features

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- **CodeGate:** Zero in on desired code and complete data transmission with the push of a single button—ideal for menu scanning applications
- **CodeSense:** Automatically wakes scanner from sleep mode when a bar code is detected
- **Powerlink Cables:** Uses the same user-replaceable cables and power supplies as Voyager® and Orbit®
- **Flash ROM:** Protects POS investment with free firmware updates via MetroSet2 software and standard PC
- **OPOS and JPOS System Compatible:** Easily adaptable to any end-user system environment

# Eclipse 5145 Technical Specifications

## Mechanical

Dimensions (LxWxH)	169 mm x 63 mm x 51 mm (6.7" x 2.5" 2.0")
Weight	100 g (3.5 oz)

## Electrical

Input Voltage	5 VDC $\pm$ 0.25 V
Operating Power	675 mW (125 mA @ 5 V)
Host System Interfaces	USB, RS232, Keyboard Wedge, IBM 468xx (RS485)

## 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
Drop	Designed to withstand 1.5 m (5') drops
Environmental Sealing	Sealed to resist airborne particulate contaminants
Light Levels	4842 Lux

## Scan Performance

Scan Pattern	Single scan line
Scan Speed	72 scan lines per second
Scan Angle	Horizontal: 50°
Print Contrast	35% minimum reflectance difference
Pitch, Skew	68°, 52°
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 technologies please visit [www.honeywellaidc.com/symbologies](http://www.honeywellaidc.com/symbologies)



**For more information:**  
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### Honeywell Scanning & Mobility

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Typical Performance*	
Narrow Width	Depth of Field
5.2 mil	0 mm - 51 mm (0" - 2.0')
7.5 mil	0 mm - 76 mm (0" - 3.0')
10.4 mil	0 mm - 108 mm (0" - 4.0')
13 mil	0 mm - 140 mm (0" - 5.5')
26 mil	25 mm - 178 mm (1.0" - 7.0')
*Resolution: 4 mil (0.102 mm)	
*Performance may be impacted by bar code quality and environmental conditions	

# Honeywell



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## About LOGISCENTER

Logiscenter is the leading provider of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

## Reasons to work with us

**Our customers come first.** Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the benefits and advantages we create for you and your company.

**The best brands.** We offer products from the best manufacturers worldwide.

**Expert technical support team.** Our support staff are experts in the products we sell. But not just the products, they can tell you the best solution for your particular problem or need.

**Largest stock.** We have a permanent stock of more than 60,000 products.

**Same-day shipping.** For all orders placed and confirmed before 16:00 on working days.

**Best prices.** With Logiscenter, you can be sure that you are paying a fair price for your products, we will not overcharge you.

**Easy returns.** Damaged or defective products can be returned easily, for an exchange or reimbursement.



## All Brands Technical Service

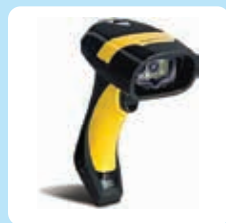
## Our Brands



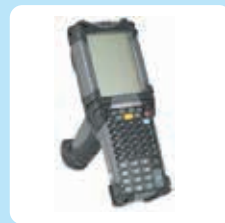
## Solutions for: Industry • Consumer • Mobility Transportation and Logistics • Retail • Health



Label printers



Barcode readers



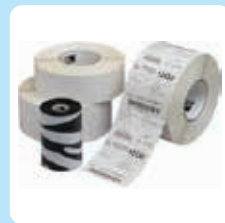
Data terminals & PDA



PVC card printers



RFID



Consumables  
(labels, ribbons, PVC cards)