

# 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

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

## Electrical

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

## Environmental

<b>Operating Temperature</b>	0°C to 40°C (32°F to 104°F)
<b>Storage Temperature</b>	-40°C to 60°C (-40°F to 140°F)
<b>Humidity</b>	5% to 95% relative humidity, non-condensing
<b>Drop</b>	Designed to withstand 1.5 m (5') drops
<b>Environmental Sealing</b>	Sealed to resist airborne particulate contaminants
<b>Light Levels</b>	4842 Lux

## Scan Performance

<b>Scan Pattern</b>	Single scan line
<b>Scan Speed</b>	72 scan lines per second
<b>Scan Angle</b>	Horizontal: 50°
<b>Print Contrast</b>	35% minimum reflectance difference
<b>Pitch, Skew</b>	68°, 52°
<b>Decode Capability</b>	Reads standard 1D and GS1 DataBar symbologies.
<b>Warranty in Argentina</b>	1 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:**  
[www.honeywellaidc.com](http://www.honeywellaidc.com)

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 Scanning & Mobility

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