# IS4225

## Single-Line Laser Scanner

Honeywell's IS4225 ScanGlove® is a versatile, lightweight and wearable automatic single-line laser scanner that improves productivity as it increases scanning flexibility.

The IS4225 provides a flexible solution to a variety of 1D bar code scanning applications.

Lightweight and versatile, the IS4225 can be used as a back-of-hand scanner or a stationary desktop scanner.

The IS4225 can also be used as a compact, fixed mount presentation scanner.

Increase mobility by mounting the scanner to the back of your hand and connecting it to a portable data terminal. Simply present the bar code to the scanner and it is automatically entered into the computer.

The IS4225 offers flexibility to users with a choice of interfaces, including RS232, keyboard wedge, light pen emulation or USB.

For more information on the IS4225 ScanGlove single-line laser scanner, please visit www.honeywell.com/aidc

## Features

- **Mountable on Back of Hand:** Frees operator's hands while scanning

- **Automatic Scanning:** Facilitates speedy operation by eliminating the need for repeated button presses

- **Small Footprint:** Fits comfortably and prevents operational fatigue

- **Breakaway Cable:** Allows operators to quickly break away from tethered host system should a hazard occur while scanning

- **Alternate Fixed-Mount:** Mounts to virtually any device, without taking up much space

# IS4225 Technical Specifications

## Operational

| | |
|---|---|
| **Light Source** | Visible Laser Diode 650 nm ± 10 nm |
| **Audible Indicators** | 3 tones or no beep |
| **Visual Indicators** | Red = ready to scan; Green = good read |
| **Host System Interfaces** | USB, RS232, Keyboard Wedge, Light Pen Emulation |

## Mechanical

| | |
|---|---|
| **Dimensions (LxWxH)** | 70 mm x 49 mm x 24 mm (2.75˝ x 1.94˝ x 0.94˝) |
| **Weight** | 105 g (3.7 oz) |
| **Termination** | Breakaway connector or 10 position modular RJ45 |

## Electrical

| | |
|---|---|
| **Input Voltage** | 5 VDC ± 0.25 V |
| **DC Transformers** | Class 2: 5.2 VDC @ 1 mA |
| **Operating Current** | 135 mA @ 5 VDC - typical |
| **Laser Class** | Class 2: IEC60825-1, EN60825-1 |
| **EMC** | FCC Part 15, ICES-003, EN55022 Class A |

## Environmental

| | |
|---|---|
| **Operating Temperature** | -20°C to 50°C (-4°F to 122°F) |
| **Storage Temperature** | -40°C to 70°C (-40°F to 158°F) |
| **Humidity** | 5% to 95% relative humidity, non-condensing |
| **Drop** | Designed to withstand 1.2 m (4´) drops |
| **Vibration** | 7 G over 10-500 Hz |
| **Environmental Sealing** | Sealed to resist airborne particulate contaminants |
| **Light Levels** | 4842 Lux (450 foot-candles) |

## Scan Performance

| | |
|---|---|
| **Scan Pattern** | Single scan line |
| **Scan Speed** | 52 scan lines per second |
| **Print Contrast** | 35% minimum reflectance difference |
| **Decode Capability** | Code 39, Code 93, Code 128, UPC/EAN/JAN, Code 2 of 5, Code 11, Codabar, MSI Plessey, GS1 DataBar, Telepen, Trioptic |

| Typical Performance* | |
|---|---|
| **Narrow Width** | **Depth of Field** |
| 6.8 mil | 13 mm - 89 mm (0.5˝ - 3.5˝) |
| 7.5 mil | 13 mm - 102 mm (0.5˝ - 4.0˝) |
| 10.4 mil | 13 mm - 140 mm (0.5˝ - 5.5˝) |
| 13 mil | 25 mm - 203 mm (1.0˝ - 8.0˝) |
| 21 mil | 25 mm - 203 mm (1.0˝ - 8.0˝) |

*Resolution: 6.8 mil (0.173 mm)
*Performance may be impacted by bar code quality and environmental conditions

**For more information:**

www.honeywell.com/aidc

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