

IS4225

Single-Line Laser Scanner

Honeywell's IS4225 ScanGlove® is a versatile, lightweight and wearable automatic single-line laser scanner that improves productivity with a host of features.

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

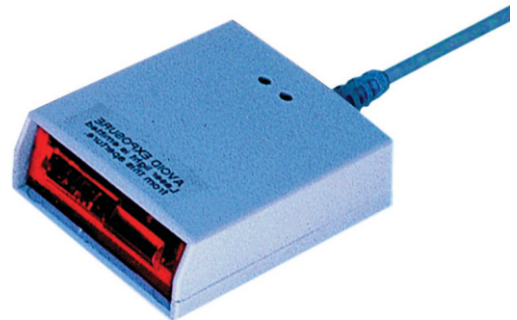
Lightweight and versatile, the IS4225 can be used as a back-of-hand scanner or a stationary desktop scanner.

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

The IS4225 increases 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 scanned.

The IS4225 offers users 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 $\pm$ 10 nm
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 $\pm$ 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



For more information:

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	