

# MS7320 InVista

## Omnidirectional Laser Scanner

Honeywell's MS7320 InVista® offers an outstanding combination of features, versatility, performance, and durability. This fixed mount laser bar code scanner provides ease of use and high throughput speeds by featuring a large, dynamic, and aggressive scan volume.

InVista scanners are sure to provide a positive influence on the productivity of checkout operations by minimizing operator effort and increasing checkout speed.

Each InVista is shipped with an integrated RF EAS deactivation antenna that provides simultaneous scanning and deactivation of security tags, which are used to reduce shrink in retail applications. With a field-replaceable outer window, damaged windows can now be changed easily, eliminating the need to send the entire unit back for repair. The small footprint takes up minimal counter space while maximizing flexibility with the use of the multi-positioning stand. The setup and integration are simplified by using bar code menus or Windows® based software. Supporting multiple interfaces, InVista is compatible with almost every POS system currently on the market. The RS232 auxiliary port allows for hand-held scanners or other peripherals to be connected quickly and easily.

With all of the outstanding features, end-users are ensured this scanner will meet the present and future needs of the scanning environments for which it is designed - grocery stores, convenience stores, supermarkets, pharmacies, and specialty stores.

For more information on the MS7320 InVista omnidirectional laser scanner, please visit [www.honeywell.com/aidc](http://www.honeywell.com/aidc)



## Features

- **Built In RF EAS Antenna:** Increases efficiency by simultaneously deactivating RF EAS tags and decoding bar codes
- **Field Replaceable Window:** Minimizes downtime with quick and easy in-lane replacement of window
- **Auxiliary Port:** Connect an external scanner or other peripheral directly to the scanner
- **Flash ROM:** Protects POS investment with free firmware updates via MetroSet®2 software and standard PC
- **User-Replaceable Cables:** Uses the same user-replaceable cables and power supply as Orbit®

# MS7320 InVista Technical Specifications

## Operational

Light Source	Visible Laser Diode 650 nm ± 10 nm
Visual Indicators	Green = ready to scan; Red = good read
Host System Interfaces	USB, RS232, Keyboard Wedge, IBM 46xx (RS485), OCIA, Light Pen Wand Emulation
Auxiliary Ports	RS232: Secondary Scanner or Scale, EAS

## Mechanical

Dimensions (LxWxH)	99 mm x 168 mm x 185 mm (3.9" x 6.6" x 7.3")
Weight	933 g (32.9 oz)

## Electrical

Input Voltage	5 VDC ± 0.25 V
Operating Power (typical)	1.9 W (360 mA @ 5 V)
Standby Power (typical)	675 mW (135 mA @ 5 V)
DC Transformers	Class 2: 5.2 VDC @ 1 A
Laser Class	Class 1: IEC60825-1, EN60825-1
EMC	FCC Part 15, ICES-003, EN55022 Class A

## 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
Environmental Sealing	Sealed to resist airborne particulate contaminants
Light Levels	4842 Lux (450 foot-candles)

## Scan Performance

Scan Pattern	Omnidirectional: 5 fields of 4 parallel lines
Scan Speed	2000 scan lines per second
Print Contrast	35% minimum reflectance difference
Pitch, Skew	60°, 60°
Decode Capability	Reads standard 1D and GS1 DataBar symbologies. Visit <a href="http://www.honeywell.com/aidc/symbologies">www.honeywell.com/aidc/symbologies</a> for details.
Warranty	3 year factory warranty



**For more information:**  
[www.honeywell.com/aidc](http://www.honeywell.com/aidc)



6" Flex-pole stand  
MLPN 46-00157

Typical Performance*	
Narrow Width	Depth of Field
5.2 mil	0 mm - 51 mm (0" - 2.0")
7.5 mil	0 mm - 152 mm (0" - 6.0")
10.4 mil	0 mm - 178 mm (0" - 7.0")
13 mil	0 mm - 216 mm (0" - 8.5")
19 mil	0 mm - 216 mm (0" - 8.5")

\*Resolution: 5 mil (0.125 mm)  
 \*Performance may be impacted by bar code quality and environmental conditions

## Honeywell Security & Data Collection

Honeywell Scanning & Mobility  
 90 Coles Road  
 Blackwood, NJ 08012  
 856.228.8100  
[www.honeywell.com](http://www.honeywell.com)

