

Model 7 Bar Code Reader



Features and Benefits

- > **Small Size:**
 - Easy installation in tight spaces
 - Great for close-up applications
 - Perfect for small item sortation such as pharmaceuticals
 - The smallest scanner on the market
- > **Superior Performance:**
 - Up to 600 scans per second
 - Easily configurable RS 232 interface
 - Reads all common code types
 - Easy to mount
 - Perfect for almost any embedded application
- > **Tough Exterior:**
 - Enclosure protection rating of IP 67
 - Interior components remain dry and clean in wet or dusty environments

The newest laser scanner from Accu-Sort® is also the smallest scanner on the market

Accu-Sort's Model 7 scanner is a tremendous space saver with superior performance at a very low price. This little scanner is perfect for all kinds of applications where bulkier scanners just won't fit, like robotic systems, letter sorting, labelers, and many others.

The Model 7 may come in a small package, but that doesn't mean we have sacrificed performance. This scanner will still perform up to 600 scans per second. And, using our PC-based software package, you can easily configure the Model 7 to your application in minutes.

Miniscule dimensions and a tough enclosure

With its compact dimensions of just 1.9 x 1.5 x 0.6 inches (48 x 38 x 15 mm), the Model 7 is a true champion at fitting in tight spaces, allowing optimum ease of installation even where space is at a premium. This little scanner is the perfect choice for almost any embedded application.

Aggressive fluids or dust leave the Model 7 unscathed. Its rugged exterior provides an Ingress Protection (IP) rating of 67, so the interior is effectively protected from dust or moisture, even when immersed in up to 3 feet of water.

Variations on a theme

The Model 7 is available in two different optical versions. In the standard version, the beam emerges directly from the front window. The other version comes with a deflecting mirror which provides the Model 7 with more mounting options.

Model 7 Bar Code Scanning Solutions

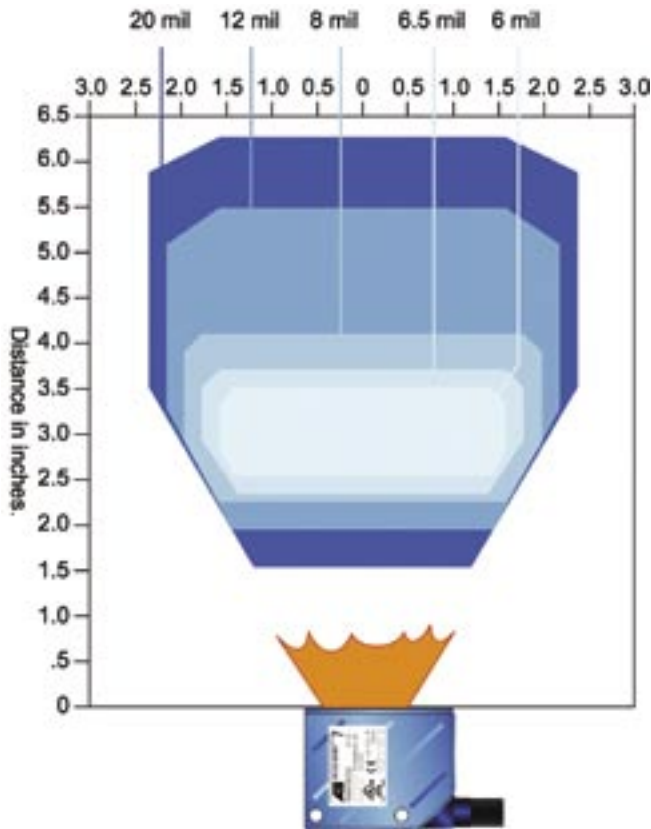
Typical Model 7 bar code scanning solutions address these industries and applications:

- Blood Analyzers
- Machine engineering
- Packaging machinery
- Automatic handling devices
- Robotic systems
- Tape archiving machines
- Automatic test equipment
- Print Verification
- Semi-automatic work stations
- Letter sorting devices
- Voucher and form readers
- Labelers
- Access control
- Laboratory automation

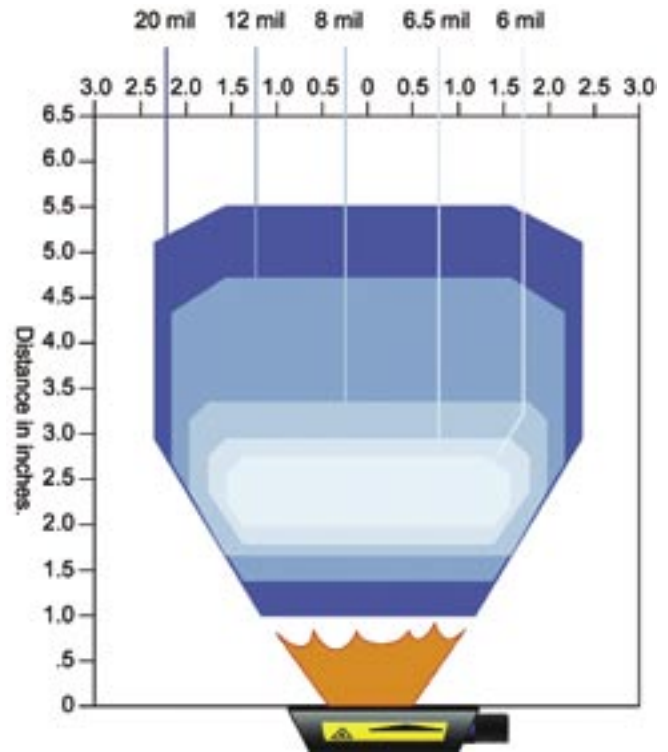
Photo captions: (CLOCKWISE FROM LEFT) Model 7 bar code reader is available in a standard front read version, and a version with a deflecting mirror; Model 7 use in the pharmaceutical industry; Embedded Model 7 bar code scanner.



Model 7 Technical Specifications



Front Read Range



Lateral Read Range

Specifications

Characteristic	Description
Name/Part Number	Bar Code Laser Scanner, Model 7
Scan Rate	600 scans per second
Depth of Field	0.5" to 6.5", see read chart this page
Beam Outlet	Frontal, alternatively with lateral deflection mirror (105°)
Laser Protection Class	Class 2 as per EN 60825-1
Bar Code Types	2/5 Interleaved, Code 39, Code 128, EAN 128, EAN UPC, EAN, Codabar, Pharmacode, Code 93
Communication	Serial RS-232 Baud Rate 4800 - 57600 Bd
Ports	1 switching input 5V or 1 switching output 5 ... 30 V, 20 mA
Visual Indicators (LEDs)	1 device status 1 reading gateway status
Power Consumption	4.9 - 5.4V DC, extra-low voltage to IEC 742 (24V DC - Connector Unit [10-30V DC] option available)
Housing	Die-cast zinc, IP 67
Connectors	M12 round connector, 5-pin, rotatable or fixed cable, 79 in. [2m] long, 5 x 0.25 mm ²
Dimensions	Frontal beam outlet: 1.9 x 1.6 x 0.6 in. [48 x 40.3 x 15mm] Lateral beam outlet: 1.9 x 2.3 x 0.7 in. [48 x 58 x 17.4mm]
Operating temperature	32°F - 104°F [0°C - 40°C]
Humidity	Max. 90% relative humidity, non-condensing
Warranty	1-year limited, parts and labor
Service Options	Installation assistance and on-site training



For more information about bar code scanners and material handling solutions from Accu-Sort Systems, contact us at:

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Solutions with vision®

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