

> Small Size

DataMan 50L is just 23.5mm x 27mm x 43.5mm

> Hotbars Technology

Hotbars provides the highest read rates of 1-D linear barcodes, including those that are damaged, distorted, blurred, scratched, low height or low contrast.

> No Moving Parts

Designed with **no moving parts** that can become worn out and require replacement.

> "No Reads" Analysis

The ability to analyze "no reads" by letting the user **see what the reader sees**, either live on a monitor or through image archiving.

The DataMan® 50/60L is a new series of compact barcode readers designed for 1-D oriented barcode reading. Small in size but exceptional in barcode reading performance, the **DataMan 50L** measures just 23.5mm x 27mm x 43.5mm and features an IP65-rated housing. It is ideal for mounting in very tight spaces on production lines and in machinery. Both readers are equipped with Hotbars™, a proprietary image-analysis technology that delivers the highest read rates in the industry.

Models

- **DataMan 50L** exceptionally small size with USB and RS-232 connectivity
- **DataMan 60L** offers Ethernet, USB and RS-232 connectivity

No Moving Parts

Moving parts can wear out and require replacement. The DataMan product line is designed with no moving parts, increasing effective product life and potentially decreasing maintenance costs!

Hotbars

Hotbars image-analysis technology dramatically increases the decoding speed of damaged or poorly presented 1-D linear barcodes. It has revolutionized the way barcodes are located and decoded. As a result, DataMan readers have unprecedented read rates and more time for the decoding phase of code reading thereby **dramatically improving the ability to read badly damaged codes**. This proven technology, used in the full range of



DataMan barcode readers, ensures even the most challenging barcodes found in industrial applications can be read. With Hotbars, the DataMan 50/60L just reads.

Fast and Easy Setup

The DataMan 50/60 L features a three-position lens and an integrated aimer for easy setup at different working distances. The incredibly small form factor enables the reader to integrate into virtually any new or existing installation.

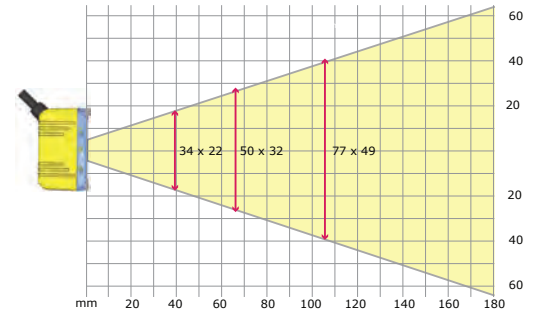
DataMan 50L/60L

Specifications

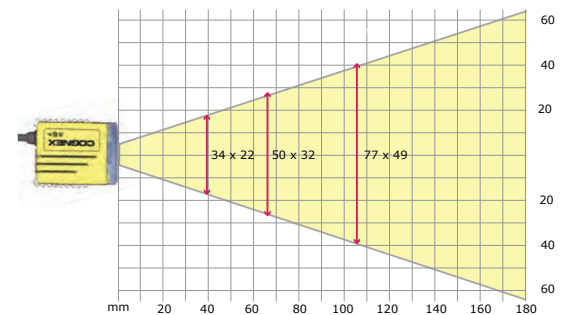
	DATAMAN 50L	DATAMAN 60L
1-D and Stacked Codes	Yes, oriented, ladder or picket fence, selectable	
Omnidirectional 1-D Codes	No	
Postal Codes	No	
2-D Codes	No	
Algorithm	1DMax+ (using Hotbars)	
Image Resolution	752 x 480 (global shutter)	
Image Sensor	1/3" CMOS	
Acquisition	Max 60fps	
Decode Rate	Max 45/sec	
Lens Options	3-position (45/70/110mm) adjustable	
Trigger	Manual; External: single, burst and continuous Internal: self and presentation	
Aimer	LED	
Discrete Inputs	2, non-isolated	
Discrete Outputs	3, non-isolated	
Status Outputs	4 Multifunctional LEDs (external)	3 Multifunctional LEDs (external beeper available)
Lighting	Integrated bright field	
Communications	USB and RS-232	Ethernet, USB and RS-232
Power	5VDC to 24VDC and USB Bus	5VDC to 24VDC
Power Consumption	500mA @ 24VDC	2.5W
Material	Aluminum Housing \ Polycarbonate Window	
Weight	76g (w/cable)	100g (3.42 oz)
Dimensions	23.5mm x 26.5mm x 45.4mm	55mm x 44.5mm x 23.5mm
Operating Temperature	0°C to 40°C (32°F to 113°F)	
Storage Temperature	-10°C to 60°C	
Operating and Storage Humidity	0% to 95%, non-condensing	
Protection	IP65	IP40
RoHS Certified	Yes	
Approvals (CE,UL, FCC)	Yes	
Operating System	Microsoft® Windows® XP and Windows 7 32 and 64 bit	

Field of View and Reading Distances

DataMan 50L



DataMan 60L



COGNEX

Companies around the world rely on Cognex vision and ID to optimize quality, drive down costs and control traceability.

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