➤ **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.
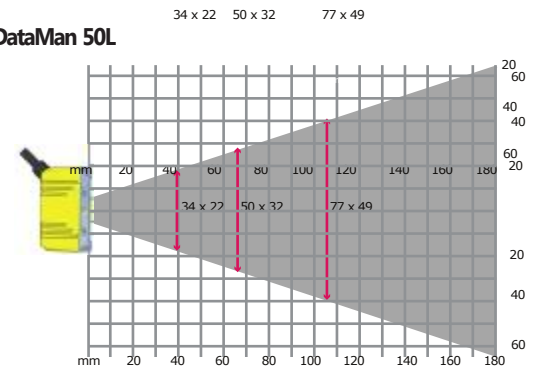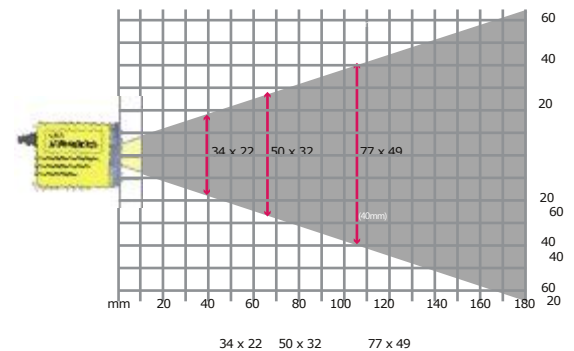
Specifications

	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	5-24VDC and USB Bus	
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