DATAMAN 70 SERIES BARCODE READERS

DataMan® 70 is a compact fixed-mount barcode reader providing the highest read rates for 1-D and 2-D label-based codes. With advanced image formation and a small footprint, DataMan 70 is the ideal solution for slow-moving or high speed manufacturing and logistics applications.

Reliably reads 1-D and 2-D codes

DataMan 70 is equipped with high-performing 1DMax® with Hotbars® and IDQuick® that reliably read label-based 1-D and 2-D barcodes with variations in contrast, blur, damage, resolution, quiet zone violations, and perspective distortion.

Fits into small application spaces

DataMan 70 is small enough to fit in the palm of your hand. Its compact design and flexibility eliminates the need for equipment redesign, or complicated optical paths with mirrors.
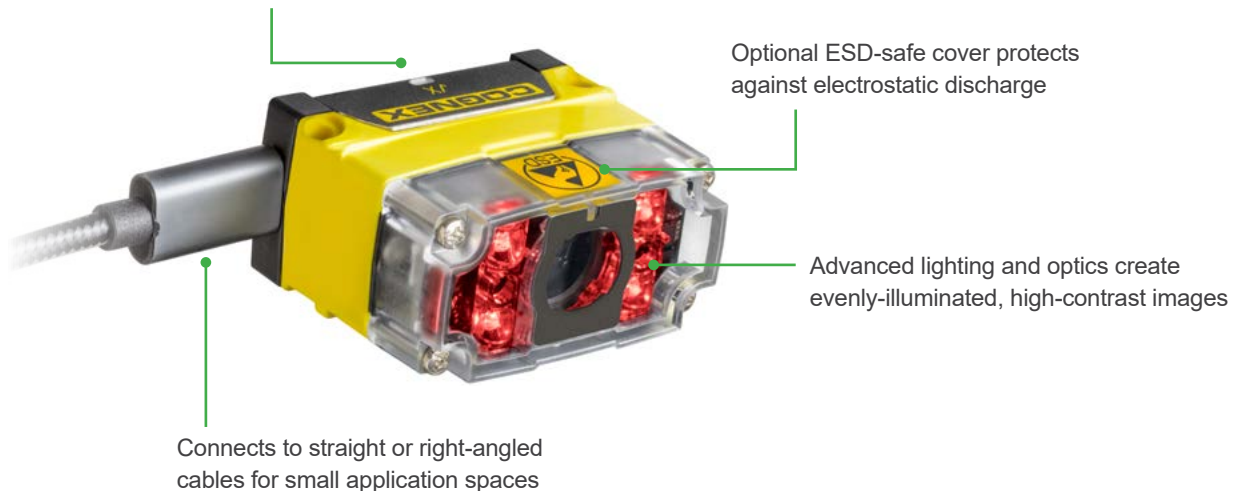
Advanced Image Formation

Flexible configuration options and powerful LEDs and optics create evenly-illuminated, high contrast images for short or long distance code reading, large depth-of-field, and slow-moving or high speed applications.

Features at-a-glance

> 1DMax with IDQuick algorithms read 1-D and 2-D label-based barcodes fast and reliably.

> Four powerful LEDs allow long working distance and large depth-of-field.

> USB-C port connects to straight or right-angled cables for flexible configuration.

> ESD-safe front cover provides protection against electrostatic discharge that can cause costly damage to electronic parts and devices.

Small form factor measures 22.2 mm (H) x 35.8 mm (L) x 42.4 mm (W)

Optional ESD-safe cover protects against electrostatic discharge

Advanced lighting and optics create evenly-illuminated, high-contrast images

Connects to straight or right-angled cables for small application spaces

SPECIFICATIONS

Model	70 S	70 L	70 QL	70 Q	72S	72 L	72 QL	72 Q
1-D and Stacked Codes	●	●	●	●	●	●	●	●
Omnidirectional 1-D Codes	●		●	●	●		●	●
Label-based 2-D Codes	●			●	●			●
Algorithms	1DMax HotBars	1DMax HotBars IDQuick	1DMax HotBars IDQuick	1DMax HotBars IDQuick	1DMax HotBars	1DMax HotBars IDQuick	1DMax HotBars IDQuick	1DMax HotBars IDQuick
Image Resolution	752 x 480 global shutter				1280 x 960 global shutter			
Image Sensor	1/3" CMOS							
Acquisition	60 fps							
Max Decode Rate	2/second	45/second			2/second	45/second		
Aimer	2 green LEDs							
Lens Options	6.2mm f 7.0, 3 position lens with standard or long range focus setting							
Lighting	4 independently controlled red LEDs							
Discrete I/O	USB: N/A Optional serial accessory cable allows 1IN / 1OUT							
Status Output	Status LED on reader indicates: Green (good read) or red (no read)							
Power	5 VDC–24 VDC or USB Bus powered, 2.5W							
Communication	Integrated USB-C (RS-232 with accessory cable)							
Material	Plastic (polycarbonate)							
Dimensions	42.4 mm x 22.2 mm x 35.8 mm							
Weight	37 g without cable							
Operating Temperature	0 °C–40 °C							
Storage Temperature	-10 °C–60 °C							
Humidity	< 95%, non-condensing							
Protection	IP40							
ROHS Certified	Yes							
Approvals (CE, Safety, FCC)	Yes							
Operating Systems	Windows® 7 and 10							

COGNEX

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

www.cognex.com