

## 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

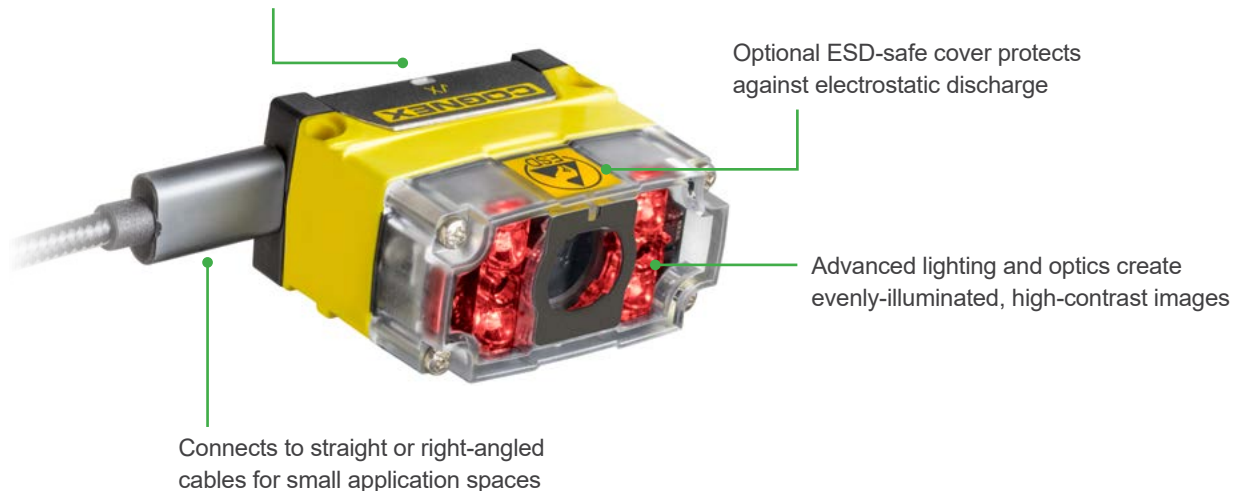
Flexible configuration options and powerful LEDs and optics create evenly-illuminated, high contrast images for short or long distance code reading, large depth-of-field, and slow-moving or high speed applications.



### 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)



## 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	1DMax HotBars IDQuick		1DMax HotBars IDQuick
Image Resolution	752 x 480 global shutter				1280 x 960 global shutter			
Image Sensor	1/3" CMOS							
Acquisition	2 fps	60 fps			2 fps	60 fps		
Max Decode Rate	2/second	45/second			2/second	45/second		
Aimer	2 green LEDs							
Lens Options	6.2 mm f 7.0, 3 position lens with standard or long range focus setting or 16 mm f 7.0 manual focus lens							
Lighting	4 independently controlled red LEDs (6.2 mm lens) or 16 mm high-power LEDs (16 mm lens only)							
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.

Corporate Headquarters One Vision Drive Natick, MA 01760 USA

### Regional Sales Offices

#### Americas

North America +1 844-999-2469  
Brazil +55 (11) 2626 7301  
Mexico +01 800 733 4116

#### Europe

Austria +49 721 958 8052  
Belgium +32 289 370 75  
France +33 1 7654 9318  
Germany +49 721 958 8052

Hungary +36 30 605 5480  
Ireland +44 121 29 65 163  
Italy +39 02 3057 8196  
Netherlands +31 207 941 398  
Poland +48 717 121 086  
Spain +34 93 299 28 14  
Sweden +46 21 14 55 88  
Switzerland +41 445 788 877  
Turkey +90 216 900 1696  
United Kingdom +44 121 29 65 163

#### Asia

China +86 21 6208 1133  
India +9120 4014 7840  
Japan +81 3 5977 5400  
Korea +82 2 539 9980  
Malaysia +6019 916 5532  
Singapore +65 632 55 700  
Taiwan +886 3 578 0060  
Thailand +66 88 7978924

©2017 Cognex Corporation. All information in this document is subject to changes without notice. All Rights Reserved. Cognex, DataMan, 1DMax, 2DMax and Hotbars are registered trademarks of Cognex Corporation. All other trademarks are property of their respective owners. Lit. No. DM70-DS-201709

[www.cognex.com](http://www.cognex.com)