



BARCODE READERS

FIXED-MOUNT

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THE GLOBAL LEADER

IN MACHINE VISION AND INDUSTRIAL BARCODE READING

Cognex®, the leading supplier of machine vision and industrial barcode reading solutions.

With over 3 million systems installed in facilities around the world and over forty years of experience, Cognex is focused on industrial machine vision and image-based barcode reading technology. Deployed by the world's top manufacturers, suppliers and machine builders, Cognex products ensure that manufactured items meet the stringent quality requirements of each industry.

Cognex solutions help customers improve manufacturing quality and performance by eliminating defects, verifying assembly and tracking information at every stage of the production process. Smarter automation using Cognex vision and barcode reading systems means fewer production errors, which equates to lower manufacturing costs and higher customer satisfaction. With the widest range of solutions and largest network of global vision experts, Cognex is the best choice to help you **Build Your Vision.™**

**\$811
MILLION**
2020 REVENUE

OVER 40
YEARS IN THE BUSINESS

500+
CHANNEL PARTNERS

GLOBAL OFFICES IN
20+ COUNTRIES

3,000,000+
SYSTEMS SHIPPED



DATAMAN **FIXED-MOUNT** BARCODE READERS

DataMan fixed-mount, image-based barcode readers offer advanced technology, processing power, modularity, and ease of use for challenging manufacturing and logistics applications.

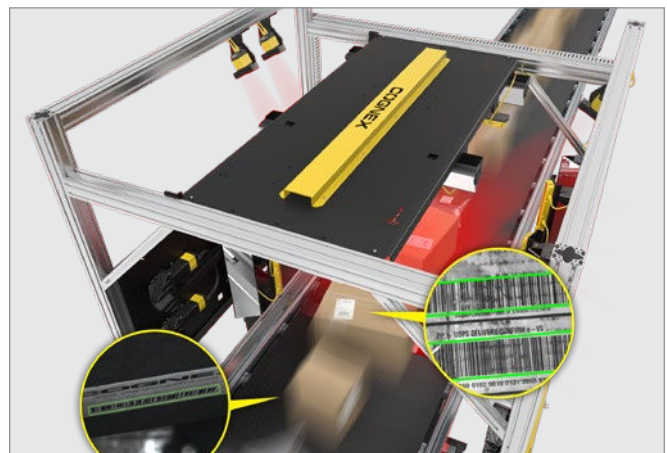
DataMan 470 Series

Premium reader with multi-core processing power and advanced imaging technology for complex, high-throughput 1D and 2D code applications.

POWER	RESOLUTION	CONNECTIVITY	SYMBOLOLOGIES
7.5X	5 MP	Serial GigaBit	

FEATURES

Hotbars	PowerGrid	High Speed Liquid Lens	C	Laser Aimer	SD	EI	Modular	HDR	HDR+
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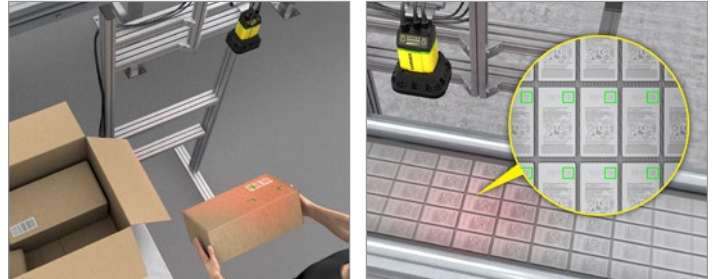
DataMan 370 Series

Delivers superior read performance for the broadest range of applications, including multi-code, multi-symbology applications.



*Including integrated light. Base dimensions are 73 mm (L) x 54 mm (W) x 42 mm (H)

POWER 5X	RESOLUTION 5 MP	CONNECTIVITY Serial GigaBit	SYMBOLOLOGIES
FEATURES Hotbars PowerGrid High Speed Liquid Lens C Laser Aimer SD EI Modular HDR			



DataMan 260 Series

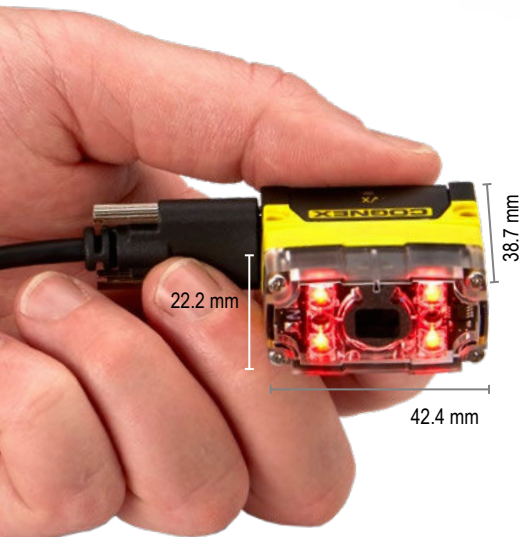
Straight or right-angle modular design ideal for 1D barcodes, higher density 2D codes, or direct part mark (DPM) codes.

POWER 2X	RESOLUTION 1.2 MP	CONNECTIVITY Serial Ethernet
SYMBOLOLOGIES 	FEATURES Hotbars PowerGrid Liquid Lens Modular	

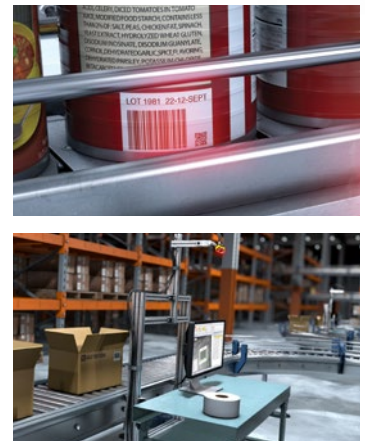


DataMan 70 Series














Compact design ideal for reading 1D and 2D label-based codes in tight application spaces.


















POWER 1.7X	RESOLUTION 1.2 MP	CONNECTIVITY USB Serial
SYMBOLOLOGIES 	FEATURES Hotbars ESD-Safe S-Mount IP65	



FIXED-MOUNT READER SPECIFICATIONS & FEATURES

	60 Series	70 Series	150 Series	260 Series	360 Series	370 Series	470 Series
 Resolution	752 x 480		752 x 480 1280 x 960		800 x 600 1280 x 1024 1600 x 1200		2048 x 1536 2448 x 2048
 Processing Power ¹	1X	1.7X		2X	2.5X	5X	7.5X
 Model Variants	L, QL, S, Q, X	L, QL, S, Q		QL, S, Q, X		L, Q, QL, X	
Lenses							
 Liquid Lens			✓	✓	✓	✓	✓
 High Speed Liquid Lens						✓	✓
 C-mount		✓	✓	✓	✓	✓	✓
 S-mount	✓	✓	✓	✓	✓		
Symbologies							
 1D	✓	✓	✓	✓	✓	✓	✓
 2D	✓	✓	✓	✓	✓	✓	✓
 Multi-code	✓	✓	✓	✓	✓	✓	✓
Decoding Algorithms							
 1DMax with Hotbars	✓	✓	✓	✓	✓	✓	✓
 2DMax			✓	✓	✓	✓	✓
 PowerGrid			✓	✓	✓	✓	✓
Technologies							
 Multi-Reader Sync				✓	✓	✓	✓
 HDR						✓	✓
 HDR+							✓
 Standards-Based Grading						✓	✓

	60 Series	70 Series	150 Series	260 Series	360 Series	370 Series	470 Series
Lighting Modularity							
 Integrated Lighting	✓	✓	✓	✓	✓	✓	✓
 External Lighting					✓	✓	✓
 High Powered Integrated Torch (HPIT)						✓	✓
Communications							
 Discrete I/O	✓	✓	✓	✓	✓	✓	✓
 Serial	✓	✓	✓	✓	✓	✓	✓
 Ethernet	✓			✓	✓	✓	✓
 Gigabit Ethernet						✓	✓
 USB		USB-C	USB				
Additional Features							
 Web HMI Capable						✓	✓
 Edge Intelligence				✓		✓	✓
 Modular	✓	✓	✓	✓	✓	✓	✓
 Laser Aimer					✓	✓	✓
 IP Rating	IP40	IP65	IP65	IP65	IP65	IP67	IP67
 ESD-Safe Housing ²		✓	✓	✓	✓	✓	✓
 SD card					✓	✓	✓



¹ Processing Power

The processing power of a reader is measured by how quickly it decodes a barcode and outputs the resulting data. A comparison test simulating a complex 1D/2D multi-code application (consisting of four varied 1D codes and seven varied 2D codes together) was used to determine the processing power of each DataMan fixed-mount barcode reader.



² ESD-Safe Housing

Protects devices and flammable environments from electrostatic discharge (ESD), the sudden flow of static electricity between two objects.