

Expands the Cognex® DataMan® handheld family to cover all industrial handheld reading requirements

DataMan 700 Series readers are the newest addition to the family of Cognex high-performance ID code reading products. The DataMan 750 model is ESD safe, and features award-winning Cognex IDMax® code reading software. The DataMan 710 reader is a general-purpose 2D reader that uses the Cognex IDQuick™ reading technology.

Compact size and ergonomic design make the 700 Series exceptionally easy to use, while the rugged design ensures long-term operation in industrial environments.

Powerful and Quick Code Reading Software

- **The Power of IDMax** (Model 750) ... handles a wide range of degradations to code appearance that result from dramatic degradations in DPM code quality due to differences in material types and surfaces. The model 750 is ideal for reading 1D and 2D codes in the electronics and semiconductor industries.
- **The Speed of IDQuick** (Model 710) ... allows fast, high-performance reading of high-quality 1D and 2D codes, as well as low-contrast codes on uniform backgrounds. The model 710 provides exceptional performance on labels and well-marked codes.

DoD/UID Validation

The DataMan 750 reader ensures that data within a code meets the standards outlined by ISO 15434, ISO 15418 and the U.S. Department of Defense. Integrated DoD/UID validation software in the 750 model is yet another feature that sets it apart from all others in its class.



DataMan 700 Series readers achieve best-in-class performance with industry-leading code reading software and exceptional ease of use.



DataMan 750

DataMan 710

Quick Setup and Ease of Use

Quick setup is facilitated by the setup tool common to all DataMan products. Point-and-click configuration, a display of the image that DataMan sees, a display of results (decoded images and data) – and many more features – all add up to the most intuitive and complete user interface available. USB and RS-232 interfaces are provided.



The DataMan setup tool gets applications up and running fast.

Advantages

- Award-winning Cognex IDMax and IDQuick technology
- Best-in-class reading performance
- Built-in laser aimer for intuitive and quick alignment
- ESD Safe (DataMan 750)
- Rugged and lightweight design
- Adjustable optics for an expanded range of code reading applications

Specifications

ID CODES

1D	UPC/EAN/JAN, Codabar, Interleaved 2 of 5, Code 39, Code 128, and Code 93, PostNet, Planet Code, Australia 4-State, Japan 4-State, UPU 4-State, USPS Intelligent Mail Bar Code, Pharma Code, PDF417, MicroPDF, RSS Stacked, RSS Limited, and RSS 14.
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2D	Data Matrix, QR Code and microQR Code
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Composite Symbology	CC-A, CC-B
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IMAGE

Sensor	752 x 480 pixel array
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LIGHTING/OPTICS

Illumination	Integrated LEDs
Reading direction	Omni-directional, pitch and skew (off-axis) angles up to 35 degrees
Aiming	Laser aimer, Class 2

I/O

Trigger	Via trigger switch in the handle
Additional outputs	LED, beeper, and vibration indicators for good read, device status or errors

COMMUNICATIONS

Interfaces	USB or RS-232 for serial communications, setup and image preview. PS2 keyboard wedge or USB keyboard emulation.
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POWER

Electrical requirements	5VDC@3A
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MECHANICAL

Dimensions	Height: 151mm (6.0in) Width: 54mm (2.1in) Depth: 49mm (1.9in)
Material	Polycarbonate housing
Weight	110g (.24lb)

ENVIRONMENTAL

Operating temperature	0°C to +50°C (32°F to +122°F)
Storage temperature	-10°C to +60°C (14°F to +140°F)
Operating humidity	0% – 95%, non-condensing
Storage humidity	0% – 95% non-condensing
Drop test	50 drops from 2 meters onto concrete
Certifications	CE, FCC, and CSA ESD protection (Model 750 only): IEC 61340-5-1, IEC 61340-5-2 Laser CDRH Class II, IEC Class 2

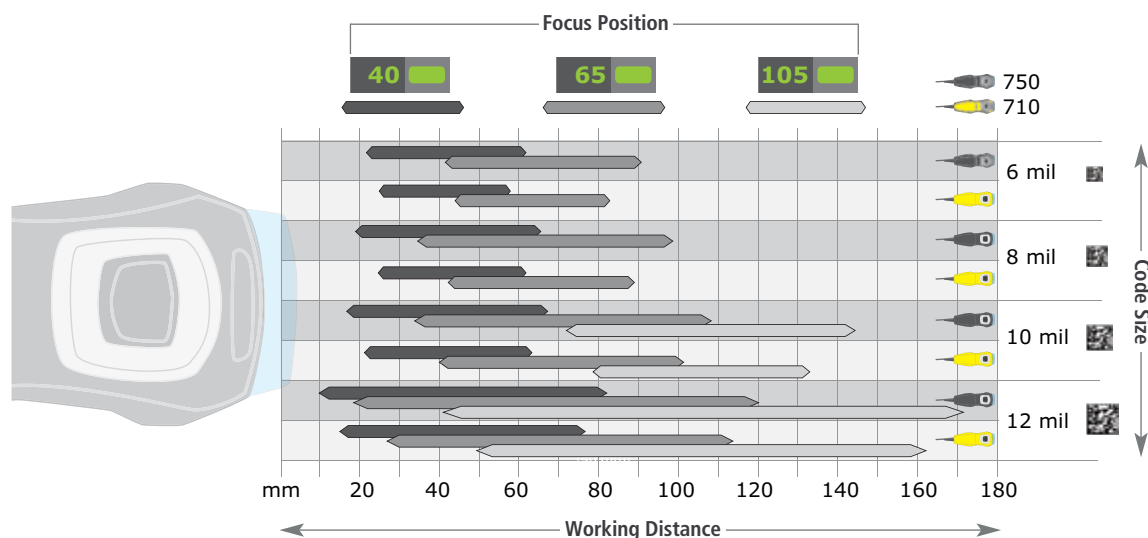


SYSTEM REQUIREMENTS

Microsoft® Windows XP® and Vista®,
64MB of memory (RAM)

OPTIONAL ACCESSORIES

Desktop/wallmount holder
Connection cables



COGNEX

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

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