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.

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.

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/128/AN/1, Codabar, Interleaved 2 of 5, Code 39, Code 12, and Code 93,
Psych, Planet Code, Australia 4-State, Japan 4-State, UPI-4-State, UPN
Intelligent Mail Bar Code, Pharma Code,
PDF-417, MatrixMax, RSS Stacked, RSS Limited, and RSS 14.

2D: DataMatrix, QR Code, and microQR
Code.

**COMPOSITES**

Composite: CC-A, CC-B

**IMAGE**

Sensor: 752 x 480 pixel array

**LIGHTING/OPTICS**

Integrated LEDs

Reading direction: Omni-directional, pitch and skew (off-axis) angles up to 35 degrees

Aiming: Laser aiming, Class 2

**COMMUNICATIONS**

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

**POWER**

Electrical: 5VDC@3A requirements

**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