The Industry’s most challenging reading applications

DataMan 8600 readers are ideal for applications in any manufacturing environment that require robust DPM and label-based barcode technology and unparalleled reading capability:

- Engine assembly
- Transmission assembly
- Automotive kitting
- Aerospace
- Incoming inspection
- Oil and gas
- Electronic manufacturing

DataMan 8600 readers are equipped with the most advanced barcode reading algorithms and are capable of reading the most challenging DPM codes on the widest variety of surfaces, and using the widest range of marking methods. Patented lighting and liquid lens technology makes the DataMan 8600 the most powerful and flexible handheld barcode reader available. Ethernet communication enables direct communication between DataMan 8600 readers and industrial PLCs and factory networks.

High Speed Versatility with Ultimate Reading Performance

- Best-in-class patented 2DMax+ algorithms read low contrast, scraped, damaged, obstructed and small DPM codes. Supported 2-D symbologies include: DataMatrix, QR, PDF417, MaxiCode and Aztec.
- Cognex’s patented 1DMax+ with Hotbars algorithms enable the DataMan 8600 barcode reader to decode the most challenging 1-D barcodes quickly and easily, at more angles and in any orientation.
- The DataMan 8600 readers incorporate Cognex’s improved patented UltraLight® technology for superior image formation on any mark type and surface. UltraLight illumination provides dark field, bright field and diffuse lighting all in one electronically controlled light.
Flexible and Easy Integration

Industrial Ethernet communication enables DataMan 8600 handheld readers to be easily integrated with industrial PLCs and factory networks. These handheld barcode readers support the CognexConnect suite of industrial protocols, such as EtherNet/IP, PROFINET, Modbus TCP and MC Protocol. DataMan 8600 corded readers have a direct Ethernet connection, while the wireless readers have Ethernet connectivity between the intelligent base station and the network.