

Matrix 200™

Compact 2D Imager

Highlights

Matrix 200™ is the new Datalogic 2D reader offering excellent reading performance, ultra compact size and extreme ease of use. Thanks to USB or complete serial connectivity and innovative optical features, Matrix 200™ is the best compact industrial imager, ideal in several market sectors where the space is very limited.

ULTRA COMPACT SIZE

Compact dimensions, short minimum reading distance, large dof, straight and 90° reading window models availability allow flexible mounting and positioning in a narrow spaces.

EXCELLENT READING PERFORMANCE

WVGA image sensor, up to 60 frames/s acquisition rate and dynamic reading capability, together with powerful decoding libraries provide excellent performance and reliability on a wide range of code symbologies as well as damaged and low quality codes. Higher frame rates can be achieved using the powerful Region Of Interest Windowing, satisfying applications with high throughput.

INNOVATIVE OPTICAL FEATURES

An advanced lighting system ensures accurate reader positioning thanks to a uniform illumination pattern. High resolution optics allow up to 0.076 mm (3 mils) 2D codes reading.

EASE OF USE

The intuitive X-PRESS™ Human Machine Interface makes installation and maintenance easier than ever thanks to a five LED bar graph and the multi-function key providing immediate access to relevant functions such as Aiming, Setup (for automatic imager calibration), Learn (for automatic code setting), Test Mode (for bar graph activation). A Green Spot provides immediate Good Read feedback.

ENHANCED CONNECTIVITY

An embedded high speed ID-NET™ communication interface allows efficient data collection and simplifies network wiring. USB interface models allow direct connection to a PC.

INDUSTRIAL STRENGTH

Matrix 200™, with its rugged construction, IP65 protection class and 50°C max operating temperature, is the ideal product for industrial applications.

Ultra Compact
Dimensions

USB Interface

ID NET™

Enhanced
Connectivity

Xpress
Interface

Ease of use

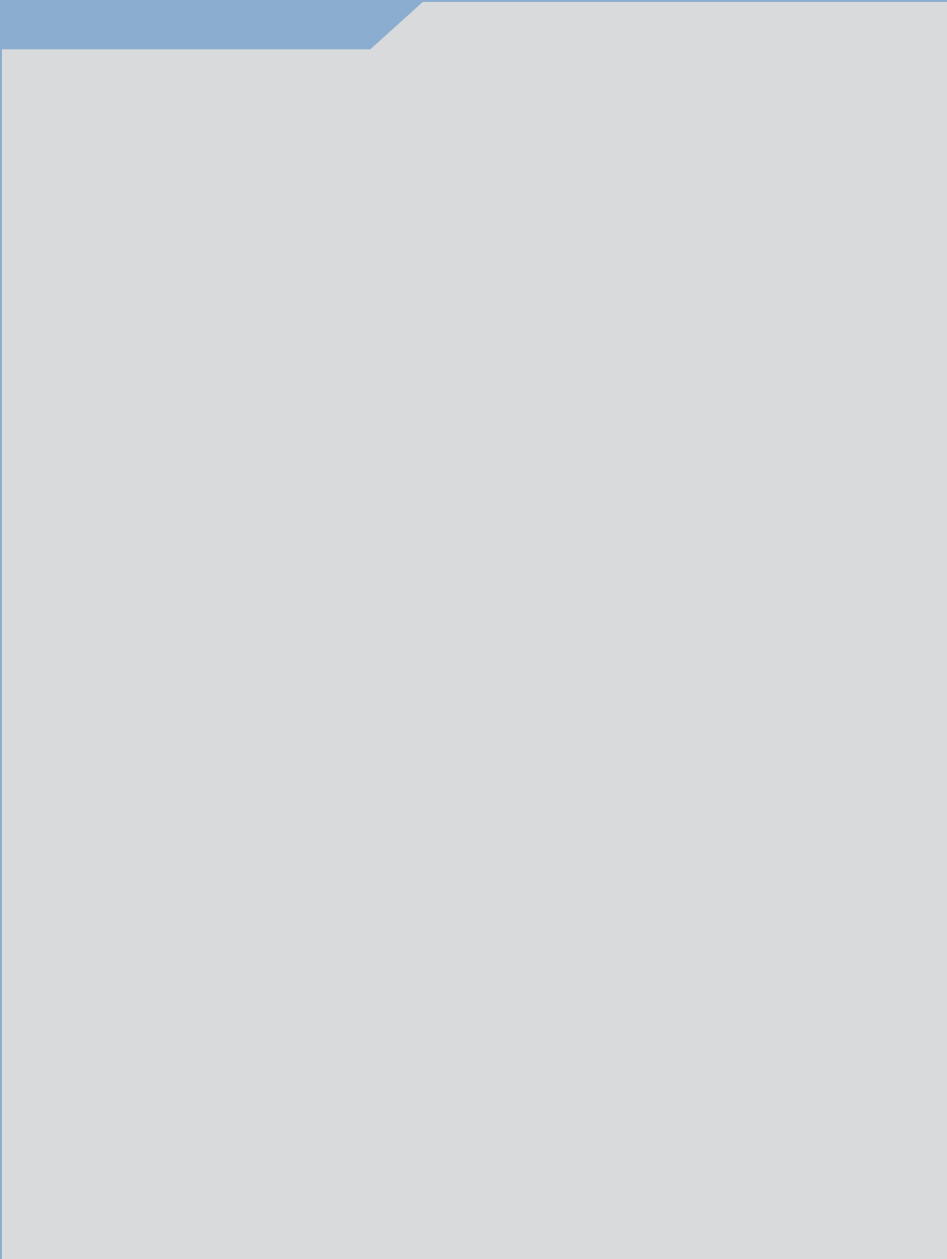
Features

- Ultra compact dimensions
- Direct and 90° window models for smart mounting
- Outstanding decoding capability on 1D, 2D, Stacked and Postal symbologies.
- High performance on dynamic reading applications
- X-PRESS™ for easy and intuitive setup
- Optical aiming system
- 10 to 30 VDC Power Supply
- USB connectivity
- ID-NET™ embedded high speed connectivity
- Region Of Interest Windowing for higher frame rate
- Run Time Self Tuning for higher flexibility

Applications

- **Electronics**
 - PCB Assembly process
 - Electronic Products Tracking
- **Pharmaceutical & Chemical**
 - Pharmaceutical and Medicine Manufacturing
 - Chemical & Biomedical Analysis
 - Medical Devices Traceability
- **OEM**
 - Access control systems
 - Self Service Systems (ATM, Kiosks)
 - Print & Apply systems
- **Postal & Distribution Industry**
 - Document Handling
 - Small Object Identification and Sorting

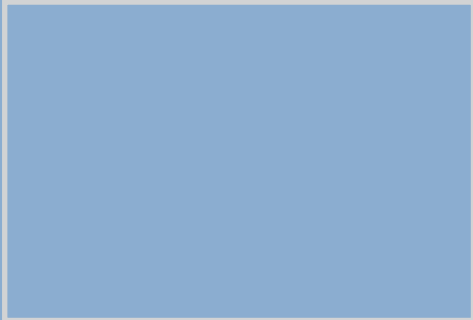
Matrix 200™



PCB Handling



Medical&Pharmaceutical



OEM

Reading Characteristics

