DMx AutoID+™ Express

Compact, Standalone System for 2-D Symbols and Bar Code Reading

Product Summary

DMx AutoID+ Express is a high-performance, standalone system that decodes Data Matrix and a variety of other two-dimensional (2-D) or one-dimensional (1-D) bar codes and performs optical character recognition (OCR). DMx AutoID+ Express is now available with the exclusive in-line verification option that permits real-time analysis of key marking parameters for every Data Matrix symbol.

DMx AutoID+ Express' advanced image process and error correction techniques enable the user to solve the most demanding automatic identification and data collection problems. Its compact size, speed, flexibility, and affordability make DMx AutoID+ Express the ideal choice for many applications, particularly in manufacturing and industrial environments.

Features and Benefits

- Complete, standalone system
- Support for up to four cameras in standard configuration (multiple camera options)
- Extensive on-board digital I/O for triggering, strobe control, and other interfacing
- On-screen image and data display for each camera
- Built-in Ethernet networking
- Auto-discriminates between all major 1-D bar codes and 2-D symbols
- Reads multiple symbols in the same field-of-view
- Up to 1800 reads per minute in standard resolution mode. Faster in low resolution mode
- Advanced error correction
- Ability to recognize a variety of marking techniques and read damaged and low-contrast codes
- Real-time in-line verification of direct part mark (DPM) Data Matrix symbols

Applications

- Printed circuit board (PCB) identification
- Automotive component identification and error proofing
- Electronic component identification
- Semiconductor wafer ID (Semi T7)
- Gas turbine blade and aerospace part identification (ATA Spec 2000)
- Pharmaceutical label verification
- Low-contrast DPM reading
- DPM verification
- Optical character recognition
- Small part identification and serialization
- Quality/ISO 9000 program support
- Flexible manufacturing control
- Work-in-progress tracking
- Fraud and theft prevention

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DMx AutoID+ Express

Physical Characteristics

Dimensions:	4 Camera System: 9.7" H x 7.8" W x 3.5" D (250 mm H x 90 mm W x 200 mm D)
Power Requirements:	85 - 265 VAC, 47 - 63 Hz
Weight:	8.0 lbs (3.64 kg)

Performance Characteristics

Standard:	DMx AutoID+ Express system DMx AutoID+ software
Optional:	Variety of imagers with integrated camera and lighting Alternative light sources, cameras and lenses 10 points of built-in opto-isolated digital I/O 24 points external opto-isolated digital I/O In-line or off-line Data Matrix verification and OCR software
Decode Capability:	1-D: Code 39, Code 93, I 2 of 5, Code 128, UPC/EAN, UPC-E, UPC Supplementals, Postnet, Pharmacode, BC412, Codabar 2-D: Data Matrix, PDF417 OCR: SEMI, OCR A, OCR B

User Environment

Operating Temperature:	50° F to 122° F (10° C to 50° C)
Relative Humidity:	5% to 95%, non-condensing

Regulatory

Electrical Safety:	CE Compliant

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Specifications subject to change without notice.