

Intelligent, High-Speed Scanner/Decoder High scan rates and wide depth of field for high speed sortation systems

Features/Benefits

- 3 Versions available front projection, side projection and sweep raster
 - ✓ Select the model to best fit your application
- Integrated scanner and decoder ✓ One piece of hardware eases installation
- ◆ Up to 1200 scans/second, with a 60° scan angle ✓ Accurately read bar codes on high speed conveyors
- Optical throw up to 28" and depth of field up to 36" ✓ Suitable for a wide variety of installations
- Preset focal lengths from 4" to 36" ✓ Factory configured to meet your application, no manual adjustments needed
- C programmable

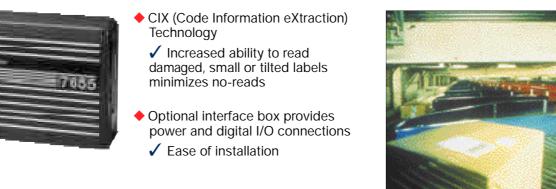
& troubleshooting

- ✓ Minimize post-processing of data and need for external controllers
- ◆ Starnode™ RS485-based network
 - ✓ Low-cost, expandable data communications
- Programmable digital I/O 8 inputs/8 outputs ✓ Control flexibility

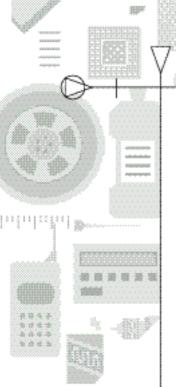


Overview

- · RVSI is a world leader in the creation of one and two dimensional bar code readers and data collection systems for automatic identification in materials handling and manufacturing applications.
- The Ci MAX® 7600 Series consists of three fixed position laser scanners for applications requiring high scan rates and excellent reading rates.
- The Ci MAX® 7600 and 7655 are designed for applications requiring maximum performance in space confined or tight places.
- The sweep raster version, Ci MAX 7655, is well suited for applications where bar code labels are not consistently positioned.
- All Ci MAX 7600 Series scanners feature an on-board processor and 16 digital I/O lines for local programability and control.







Applications

The Ci MAX 7600 Series offers a price competitive solution with an excellent combination of scanning speed and depth of field for many conveyor scanning applications.

- Materials handling systems
- High speed sortation
- In-Process tracking and quality control

Ci MAX® 7600 series

- Warehousing and order picking
- Intelligent conveyors
- **Automated distribution**

Performance

Light Source Min. Resolution Max. Scan Rate Min. Reading Distance Max. Reading Distance Max. Depth of Field Scan Angle

CiMAX 7655 Sweep Height

CiMAX 7655 Sweep Frequency

Class II Visible Laser Diode

5 mil.

1200 scans/second 2.0 inches (5.1 cm) 38.0 inches (96.5 cm) 36.0 inches (91.4 cm)

60 degrees

2.5" at 8" - Reduced Sweep Version 4" at 8" - Standard Sweep Version

5 to 20 Hz

*Actual operational specifications are optimized for each application during factory configuration

Symbologies

Interfaces

Readable Codes Code 39, Code 128*, I 2 of 5, UPC, EAN & Codabar **Digital Inputs** 8, 30 VDC max. Digital Outputs 8, 30 VDC at 150 mA max. Status LEDs 6, monitor power, operations and communications

Communication

Process Control

Physical Features

Set-up and Diagnostics

- 1 Asynchronous serial host port RS-422 or RS-232
- 1 Asynchronous serial terminal port RS-232
- 1 LAN port with Starnode protocol RS-485

Via Terminal port using CiMAX 1400 or PC

32-bit processor with 256K non-volatile RAM programmable in C language

Dimensions CIMAX 7600 3.3"W x 4.5"L x 5.75"H (84 x 115 x 146mm) CiMAX 7650 3.78"W x 7.0"L x 5.70"H (96 x 178 x 145mm) CiMAX 7655 3.78"W x 7.0"L x 5.70"H (96 x 178 x 145mm)

Weight 3.5 lb. (1.6 kg) for the CiMAX 7600 Case Material Epoxy Powder Coated Aluminum, NEMA-12 dust tight and drip proof

Environment

12 VDC 65%, 1.5A Power **Operating Temperature** 32° to 122°F (0° to 50°C) Humidity 5% to 95% non-condensing Protection NEMA 12 / IP51 **Approvals** CE

Specifications subject to change without notice.

*RVSI is the Inventor









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