Chapter 1 Introduction

Overview

The Symbol OmniLink Controller (LL 500) links input devices such as bar code readers, magstripe readers and RS-232C devices with your host terminal. By installing the appropriate software and changing the interface cable, you can add automated data collection to almost any POS, PC, or host computer. This unique approach to connectivity allows the LL 500 to replace the following Symbollink controllers:

- LL 300 - OCR Interface
- LL 320 - RS-232C Interface
- LL 330 / 331 / 332 - IBM 4683 Interface
- LL 340 / 200 - Dual Port RS-232C Interface
- LL 350 - OCIA Interface
- LL 380 / 385 / 390 - Keyboard Wedge Interfaces

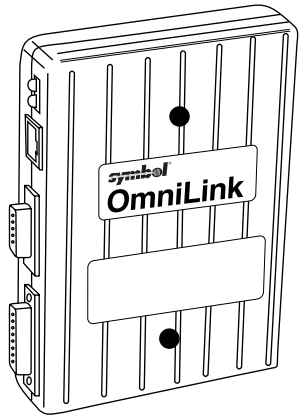

Figure 1-1. LL 500

Data Input Devices Supported

The LL 500 supports:

- Any Symbol bar code reader or digital wand (i.e., two laser scanners, or one laser scanner and one wand)
- Symbol Magnetic Stripe Reader (MS-70 Track 2, MS-71 Track 1, MS-72 Dual track)
- Any RS-232C output device

Code Types Supported

The LL 500 can be programmed to decode any or all of the following bar code symbologies:

- UPC/EAN
- Code 39
- Codabar
- Interleaved 2 of 5
- Code 128
- Code 39 Full ASCII

Programming information is provided in *Chapter 5*.

Terminal Support

The LL 500 is designed to be compatible with many existing terminal types. However, manufacturers often introduce a new variation to an existing type. The LL 500 software is usually compatible with these new variants, but occasionally there is an incompatibility. If you are having difficulty programming the LL 500 for your terminal type, call the *Symbol Support Center* at the numbers provide on page ii.