Voyager 9520/40
Voyager GS9590
Eclipse 5145

Quick Start Guide
Getting Started

Turn off the computer's power before connecting the scanner, then power up the computer once the scanner is fully connected.

Connecting the Scanner

**USB:**

**Serial (RS232):**

**Keyboard Wedge:**

optional adapter cable
**Reading Techniques**

Scan **Enable Factory Defaults**, then **Recall Defaults** to reset all standard product default settings.

**Recall Defaults**

Enable Factory Defaults

**Interface Selections**

**USB**

Load Integrated Full Speed USB IBM/OEM Defaults

USB Serial Emulation
**Keyboard Wedge**

Scan a bar code to select one of the following keyboard country templates. Refer to your Configuration Guide for additional keyboard country settings.

**Keyboard Country**

Scan a bar code to select one of the following keyboard country templates. Refer to your Configuration Guide for additional keyboard country settings.

- **United States**
- **Belgium**
- **Germany/Austria**
- **France**
- **Italy**
- **Spain**
**ALT Mode**

If your bar code contains special characters from the extended ASCII chart, for example, an e with an accent grave (é), scan the **ALT Mode On** bar code. The data is then output with the special character(s).

*Note: Scan ALT mode after scanning the appropriate Keyboard Country code.*

**RS232 Communication Commands**

- **ALT Mode On**
- **RTS/CTS**
  - Handshaking On
- **XON/XOFF On**
- **ACK/NAK On**
- **8 Data Bits**
- **1 Stop Bit**
- **No Parity**
Prefix

Scan one of the following bar codes to program your scanner to add or remove a start of text character, or AIM, NCR, or Nixdorf identification characters before each bar code.

STX Prefix On

STX Prefix Off

AIM ID Prefix On

AIM ID Prefix Off

NCR Prefix On

NCR Prefix Off

Nixdorf Prefix On

Nixdorf Prefix Off
Suffix

Scan one of the following bar codes to program your scanner to add or remove a carriage return, line feed, tab, or end of text after each bar code.

- CR Suffix On: ³116613
- CR Suffix Off: ³116603
- LF Suffix On: ³116612
- LF Suffix Off: ³116602
- Tab Suffix On: ³116610
- Tab Suffix Off: ³116600
- ETX Suffix On: ³116614
- ETX Suffix Off: ³116604
User Configurable Prefix/Suffix

One or two prefix or suffix characters can be added and assigned for data transmission. Use one of the codes below with a 3 code byte sequence that represents the desired character (see ASCII Conversion Chart, end of document) for your prefix or suffix. (To add additional prefix/suffix characters, refer to your Single-Line Configuration Guide.)

Scan the Enter/Exit Programming bar code to begin. Then scan the 3 digit decimal equivalent of the ASCII character into the appropriate character location with the code byte bar codes (see Code Bytes, end of document). To save, scan the Enter/Exit Programming bar code again.

Example: To add an asterisk (*) as a prefix, scan the bar codes:
1. Enter/Exit Programming
2. Configurable Prefix #1
3. Code Byte 0
4. Code Byte 4
5. Code Byte 2
6. Enter/Exit Programming

```
³904500
Configurable Prefix #1
³904600
Configurable Suffix #1
³903500
Configurable Prefix #2
³903600
Configurable Prefix #2
³999999
Enter/Exit Programming
```

Supplements

Scan one of the bar codes below to program your scanner for 2 or 5 digit bar code supplements.

2 Digit Supplements
- On: 977 (2 Digit) Supplement Required
- Off: 3101207

5 Digit Supplements
- On: 3101206
- Off: 3101216

977 (2 Digit) Supplement Required: Turn on this feature when a 2 digit supplement is required for EAN-13 codes that begin with 977.

977 Supplements
- On: 3101314
- Off: 3101304
**UPC/EAN Formatting**

Scan **Convert UPC-A to EAN-13** and a leading zero is transmitted before a UPC-A bar code to convert it to EAN-13.

Don’t **Convert UPC-A to EAN-13**

Scan **Transmit Lead Zero on UPC-E** to transmit a zero before each UPC-E bar code.

Don’t **Transmit Lead Zero on UPC-E**

Scan **Transmit UPC-A Number System** to transmit the UPC-A leading digit with the bar code data. To transmit just the data, without the leading digit, scan **Don’t Transmit UPC-A Number System**.

Don’t **Transmit UPC-A Number System**
**Expand UPC-E to 12 Digits** expands the UPC-E code to the 12 digit, UPC-A format.

When **Code 39 Full ASCII On** is scanned, certain character pairs within the bar code symbol will be interpreted as a single character. For example: $V will be decoded as the ASCII character SYN, and /C will be decoded as the ASCII character #.
**Check Digits**

The following selections allow you to specify whether the check digit should be transmitted at the end of the scanned UPC-A or UPC-E data or not.

- ![Code](image1.png)
  - Don’t Transmit UPC-A Check Digits
- ![Code](image2.png)
  - Transmit UPC-E Check Digits
- ![Code](image3.png)
  - *Don’t Transmit UPC-E Check Digits

**CodeGate/Manual Activation (Voyager 9520/40, VoyagerGS 9590)**

Use the following programming codes to control CodeGate button/trigger functions. Any time CodeGate is **Active**, you must push the CodeGate button (on the top of the scanner) or press the trigger to read a bar code. Whenever CodeGate is **Inactive**, the CodeGate button/trigger does not need to be pressed. Bar codes are automatically read when they are in the scanner’s field of view.

- ![Code](image4.png)
  - CodeGate Active Out of Stand
- ![Code](image5.png)
  - CodeGate Inactive Out of Stand
**Host Configurations**

Scan one of the following codes, then scan the **Recall Defaults** code, to program the scanner for one of the following configurations.

- **Verifone® Ruby Terminal Defaults**
  - ³84661280

- **Gilbarco® Terminal Defaults**
  - ³84660030

- **Wincor Nixdorf Terminal Defaults**
  - ³84660140

- **Recall Defaults**
  - ³901800

**Miscellaneous**

**Minimum Symbol Length** specifies the minimum number of characters allowable for non-UPC/EAN bar codes. Scan the **Enter/Exit Programming** bar code to begin. Scan **Minimum Symbol Length**, then scan the minimum number of characters allowed using code byte bar codes, below. To save, scan the **Enter/Exit Programming** bar code again.

- **Enter/Exit Programming**
  - ³999999

- **Minimum Symbol Length**
  - ³999998
Code Bytes

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