

Metrologic Voyager programming Manual



METROLOGIC INSTRUMENTS INC.

MetroSelect® Single-Line Configuration Guide

TABLE OF CONTENTS

Introduction	1
Bar Code Configuration Methods	
Single-Code Method	1
Multi-Code Method	2
Need to Start Over?	2
Code Types and Decode Rules	
UPC/EAN	3
Code 128	4
Code 39	4
2 of 5 Codes	6
Codabar	8
Code 93	8
Code 11	8
Telepen	9
Plessey Codes	9
Additional Decode Features	10
Configurable Code Lengths	11
Supplements	13
RSS Bar Code Implementation	
RSS Limited Bar Codes	19
RSS Expanded Bar Codes	19
ISBT Code 128 Implementation	
Configuration Mode Bar Codes	20
Concatenation Configuration Mode Bar Codes	21
Pre-Defined Concatenation Configuration Mode Bar Codes	21
User-Defined Concatenation Configuration Mode Bar Codes	22
Communications	24
Scanner Operation	
Configuration Mode Options	25
Scan Buffers	25
Redundant Scans	26

TABLE OF CONTENTS

Miscellaneous Decode Features	26
Same Symbol Timeouts.....	27
LED Options	27
Beeper Options	28
Data Transmission Delays.....	30
Communication Timeout Options	31
Host Scanner Commands.....	32
Test Modes	34

Prefixes/Suffixes

User Configurable Prefixes, All Data	35
User Configurable ID Characters, Code Specific	36
Standard Prefix Characters	38
Standard Suffix Characters.....	40
Longitudinal Redundancy Check	41
Block Check Character	41
Character Replacements	42
User Configurable Suffixes, All Data	43
Special Formats	44

Code Formatting

UPC/EAN Formatting.....	45
Codabar Formatting.....	47
Code 39 Formatting	48
Code 11 Formatting	48
Telepen	48
Plessey	49
2 of 5 Code Formatting	49

RS232

Parity Features	50
Baud Rate	50
Data/Stop Bits	51
Hardware Handshaking	51
Software Handshaking.....	53
Miscellaneous	54

TABLE OF CONTENTS

Keyboard

Enable Keyboard Emulation	55
Country/Scan Code Table Selects.....	55
Keyboard/System Type	56
'Dumb' Terminal Selections	57
Special Keyboard Features	58
InterScan Code Delays.....	60
Control Sets	60

OCIA	62
-------------------	-----------

Light Pen Parameters	63
-----------------------------------	-----------

Set Narrow Element Width	64
--------------------------------	----

MS9520/9540-00 Laser Emulation Mode	65
--	-----------

IBM 46xx Configuration

IBM Port.....	66
---------------	----

IBM Reserve Codes.....	66
------------------------	----

USB	67
------------------	-----------

Code Bytes Usage

Code Bytes 0-9	69
----------------------	----

Reserved Codes	70
----------------------	----

Code Type Table	70
-----------------------	----

ASCII Reference Table	71
-----------------------------	----

Extended Key Code Reference Table	75
---	----

MS9520 Voyager® & MS9540 VoyagerCG® Series

Activation Range.....	77
-----------------------	----

CodeGate® Status	77
------------------------	----

Laser/Scan Modes.....	77
-----------------------	----

Same Symbol Time Outs.....	78
----------------------------	----

MS9524 & MS9544 VoyagerPDF® Series

MicroPDF and Composite Code Handling.....	79
---	----

TABLE OF CONTENTS

MS9535 VoyagerBT™	81
MS9535-5M VoyagerBT™	83
Inventory Quantity Bar Codes.....	85
IS4125 / IS4225 Scan Engines	86
Miscellaneous Features	
Custom Defaults	87
Serial Program Mode.....	88

This is a “Table of Contents preview” for quality assurance

The full manual can be purchased from our store:

[https://the-checkout-tech.com/manuals/Metrologic/Voyager programming manual.html](https://the-checkout-tech.com/manuals/Metrologic/Voyager%20programming%20manual.html)

And our free Online Keysheet maker:

<https://the-checkout-tech.com/Cash-Register-Keysheet-Creator/>

[HTTPS://THE-CHECKOUT-TECH.COM](https://THE-CHECKOUT-TECH.COM)