

多线式激光扫描器



Programming Guide for Omnidirectional Scanner



进入及退出设定

Enter/Exit Programming Mode



(设定开始及结束时，请读取此条码)

★=缺省值 Default Value

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1. 设定步骤

一般情况下的设定，请遵循以下设定步骤

- 1.1. 读取封底(进入及退出设定Enter/Exit Programming Mode)条码
- 1.2. 读取您需要设定的条码
- 1.3. 读取封底(进入及退出设定Enter/Exit Programming Mode)条码

完成以上3步，即可改变条码扫描器的相关设定

如有需要读取到Full ASCII Code Table中的条码，则需遵循以下设定步骤

- 1.1. 读取封底(进入及退出设定Enter/Exit Programming Mode)条码
- 1.2. 读取您需要设定的条码
- 1.3. 读取Full ASCII Code Table中的条码
- 1.4. 读取（保存设定Save setting to confirm）条码
- 1.5. 读取封底(进入及退出设定Enter/Exit Programming Mode)条码

2.缺省设置

读取以下条码，即可将机器恢复至出厂设置，请遵循第 1 章提及的设定步骤，先读取进入/退出设定条码，然后再读取以下 **Reset** 条码，最后读取进入/退出设定条码

恢复至出厂设置



Reset (Return to factory default)

3.缺省值列表

功能	缺省值
休眠模式	
马达休眠	30分钟
镭射休眠	10分钟
扫描时间间隔	
同一条码扫描时间间隔	300毫秒
喇叭声音	
声音频率	中
声音持续时间	50毫秒
键盘口及USB口默认参数	
键盘口类型	IBM PC/AT USA
USB模拟键盘类型	US Keyboard
数据截止位	回车
RS232串口默认参数	
Handshaking protocol	None
ACK/NAK response time setting	300 msec
Baud rate	9600
Data bit	8
Stop bit	1
Parity	None
Message terminator selection	CR/LF

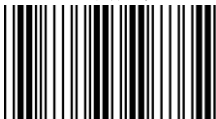
解码参数默认值列表

功能	码制	缺省值
码制的 开放与关闭	Code 39	开放
	交叉二五码	关闭
	中国邮政码	关闭
	UPC/EAN/JAN	开放
	Codabar	关闭
	MSI/PLESSY	关闭
	Code 128	开放
	Code 93	关闭
	EAN-128	关闭
	Italian Pharmacy	关闭
	ISSN/ ISBN	关闭
	RSS (GS1)	关闭
Code 39	Codes	Standard
	Start/stop characters	Not transmitting
	Check digit	Disabled
	Concatenation	Off
	Length	3~32
交叉二五码	Length	6-32
	Check digit	Disable
中国邮政码	Length	10~32
	Check digit	Disable

功能	码制	缺省值
UPC/EAN/JAN	Format	All
	Addendum	Disable
	UPC-E=UPC-A	Disabled
	UPC-A leading digit	Transmit
	UPC-A check digit	Transmit
	UPC-E leading digit	Transmit
	UPC-E check digit	Transmit
Codabar	Type	Standard
	Start/stop characters	A, B, C, D
	Length	6~32 digits
Code 128	FNC 2 append	Disable
	Check digit	Disable
Code 93	Length	3~32
	Check digit	Not transmit
MSI	Length	6~32
	Check digit	Transmit
Italian Pharmacy	Transmit "A" Character	Not transmitting
RSS-14	RSS-14 standard	Disable
	RSS limited	Disable
	RSS expanded	Disable
	Transmit RSS-14 check digit	Enable

4.系统设置

显示版本



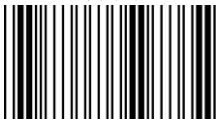
Display Firmware Version

恢复至出厂默认值



Reset (Return to factory default)

放弃设定



Abort (Exit programming mode)

出厂时已经依选购的数据线，做对应的接口设定，如有改变接口的需求，请做以下对应接口设定

设定为键盘口



Return to PC/AT default

设定为 RS-232 串口



Return to RS-232 default

设定为 USB 口



Return to USB default

读取以下设定条码可将所有客户化设定保存下来
保存为客户缺省



Save as customer default

读取以下设定条码可将机器恢复至客户缺省设置

恢复至客户缺省



Return as customer default

5. 休眠

设置机器休眠，可降低功耗并延长机器使用寿命。可分别设置马达休眠及镭射休眠，镭射休眠时间一定早于马达休眠，即使将镭射休眠时间设定为晚于马达休眠，镭射将会与马达同时进入休眠状态。

关闭马达休眠



Motor sleep mode off

10 分钟后马达休眠



Motor sleep time 10 min.

30 分钟后马达休眠



★Motor sleep time 30 min.

关闭镭射休眠



Laser sleep mode off

10 分钟后镭射休眠



★Laser sleep time 10 min.

30 分钟后镭射休眠



Laser sleep time 30 min.

6.同一条码时间间隔

为避免非意愿的连续读取到同一条码，同一条码时间间隔不应设置得太短。



Same code delay time 50 msec.



Same code delay time 200 msec.



★ Same code delay time 300 msec.



Same code delay time 500 msec.

不允许连续读取同一条码



Same code delay time infinite

7.声音

有开机音



★Power-up tone enable

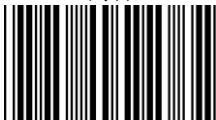
无开机音



Power-up tone disable

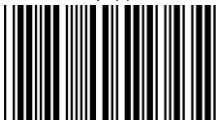
音调

高音



High beeper tone

中音



★ Medium beeper tone

低音



Low beeper tone

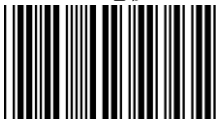
无声



Speaker disable

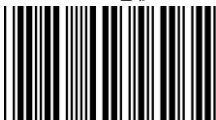
音频时长

50 毫秒



★Beeper sound duration (50msec)

100 毫秒



Beeper sound duration (100msec)

200 毫秒



Beeper sound duration 200msec

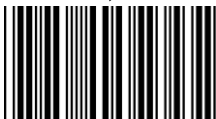
音量

高



★ Loud beeper volume

中



Medium beeper volume

低



Low beeper volume

8.条码标识符

1. 可读取以下条码，开启与关闭条码标识符
2. 条码标识符置于条码字符串前方，与条码内容一同输出

开启条码标识符



Enable identifier code

关闭条码标识符



Disable identifier code

默认条码标识符

Code 39	M
ITF 2 of 5	I
Chinese post code	H
UPC-A	A
UPC-E	E
EAN-13	F
EAN-8	FF
Codabar	N
Code 128	K
Code 93	L
MSI/Plessey	P
RSS-14 standard	RS
RSS-limited	RL
RSS-expanded	RX

9.数据截止位

采用 RS232 接口时

无



RS-232 message terminator – none

回车/换行



★RS-232 message terminator – CR/LF

回车



RS-232 message terminator – CR

TAB



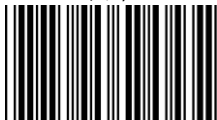
RS-232 message terminator – H tab

采用 HID USB 接口或键盘接口时
无



Keyboard terminator---none

回车



★Keyboard terminator---Enter

TAB



Keyboard terminator---H-TAB

键盘大小写控制



Capital lock on



★Capital lock off

功能键控制



Function key emulation enable



★Function key emulation disable

10.前缀、后缀及截除条码部分字符

可为每个条码输出时添加前缀或者后缀，前缀及后缀最大字符长度为 10 位，设置方式如下：

1. 读取开始及退出设定条码（见封底）
2. 需要添加前缀时读取“加前缀”，需要添加后缀时请读取“加后缀”，如需同时添加前缀及后缀，请分开操作。
3. 连续读取 Full ASCII 列表中的条码
4. 读取“保存设定”条码
5. 读取开始及退出设定条码

加前缀



Prefix

加后缀



Suffix

可设定截除条码的部分字符，设定方式如下：

1. 读取开始及退出设定条码（见封底）
2. 读取“截除条码前段”或“截除条码后段”
3. 连续读取 Full ASCII 列表中的 2 位 0~9 数字条码，如需设定截除 2 位，请读取'0'及'2'条码
4. 读取“保存设定”条码
6. 读取开始及退出设定条码

截除条码前段



Truncate header character

截除条码后段



Truncate trailer character

保存设定



Save setting to confirm

可将条码字符长度设定为条码前缀，增加的字符长度为 2 位

允许条码长度作为前缀



Add code length as header enable (all barcode)

不允许条码长度作为前缀



★Add code length as header disable (all barcode)

11.条码开放与关闭及其它相关设定

可选择关闭部分不需要读取的条码码制，或者将需要读取的条码码制设定为开放

Code 39 开放



★Code 39 enable

Code 39 关闭



Code 39 disable

Codabar 开放



Codabar enable

Codabar 关闭



★Codabar disable

UPC/EAN/JAN 开放



★UPC/EAN/JAN enable

UPC/EAN/JAN 关闭

(依然可读取，但数据不上传)



UPC/EAN/JAN disable

(only can't transmitted but can decode)

交叉二五码 开放



ITF 2 of 5 enable

交叉二五码 关闭



★ITF 2 of 5 disable

中国邮政码 开放



Chinese postcode enable

中国邮政码 关闭



★Chinese postcode disable

Code 128 开放



★Code 128 enable

Code 128 关闭



Code 128 disable

Code 93 开放



Code 93 enable

Code 93 关闭



★Code 93 disable

EAN-128 开放



EAN-128 enable

EAN-128 关闭



★EAN-128 disable

允许 EAN 转换为 ISSN/ISBN



EAN convert to ISSN/ISBN

不允许 EAN 转换为 ISSN/ISBN



★EAN convert to ISSN/ISBN disable

Code 32 开放



Code 32 enable

Code 32 关闭



★Code 32 disable

MSI 码 开放



MSI enable

MSI 码 关闭



★MSI disable

12.UPC/EAN 相关设置



★UPC/EAN/JAN all enable



EAN-8 or EAN-13 enable



UPC-A and EAN-13 Enable



UPC-A and UPC-E Enable



UPC-A enable



UPC-E enable



EAN-13 enable



EAN-8 enable

12.1 Force UPC-E to UPC-A format

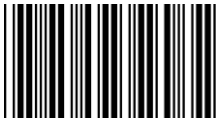


Force UPC-E to UPC-A format enable

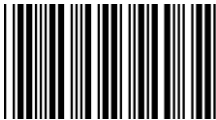


★Force UPC-E to UPC-A format disable

12.2 Force UPC-A to EAN-13 format



Force UPC-A to EAN-13 format enable



★Force UPC-A to EAN-13 format disable

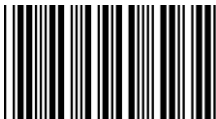
12.3 Force EAN-8 to EAN-13 format



★Force EAN-8 to EAN-13 format disable



Force EAN-8 to EAN-13 format enable



EAN-13 country code first "0" can be transmitted



★EAN-13 country code first "0" can't be transmitted

12.4 Transmit UPC-A check digit



★ Transmit UPC-A check digit enable



Transmit UPC-A check digit disable

12.5 Transmit UPC-E leading character



★ Transmit UPC-E leading character enable



Transmit UPC-E leading character disable

12.6 Transmit UPC-E check digit

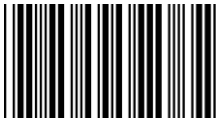


★Transmit UPC-E check digit enable



Transmit UPC-E check digit disable

12.7 Transmit EAN-8 check digit



★Transmit EAN-8 check digit enable



Transmit EAN-8 check digit disable

12.8 Transmit EAN-13 check digit

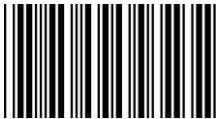


★ Transmit EAN-13 check digit enable



Transmit EAN-13 check digit disable

12.9 Transmit UPC-A leading character



★ Transmit UPC-A leading character enable



Transmit UPC-a leading character disable

12.10 Addendum



★UPC/EAN addendum off



Addendum 5 only



Addendum 2 only



Addendum 2 or 5

13. CODE 39 相关设置



★Standard code 39



FULL ASCII code 39

Start/Stop Character Transmission



Code 39 start/stop character transmission



★Code 39 start/stop character without transmission

Check Digit



Code 39 check digit calculate and transmit



Code 39 check digit calculate but without transmit



★No check character

Code 39 长度设定

针对 Code 39 码, 缺省状态时, 可读取的条码长度为 3 ~32 位, 如需更改, 可依照以下步骤自行设定。

1. 读取进入及退出设定条码
2. 读取设定“最大或最小允许读码长度”条码
3. 读取 2 位 Full ASCII 码 0~9
4. 读取保存设定条码
5. 读取进入及退出设定条码

最大允许读码长度



Code 39 maximum length setting

最小允许读码长度



Code 39 minimum length setting

保存设定



Save setting to confirm

14. CODABAR 相关设置



Codabar start/stop character transmission ----none



★Codabar start/stop character transmission ---- A,B,C,D



Codabar start/stop character transmission ---- DC1~DC4



Codabar start/stop character transmission ---- a/t,b/n,c/*,d/e

最大允许读码长度



Codabar maximum length setting

最小允许读码长度



Codabar minimum length setting

保存设定



Save setting to confirm



Check digits calculate but not transmit



Check digit calculate and transmit

15. CODE 128 相关设置



No check character



★ Calculate but not transmit



Calculate and transmit

最大允许读码长度



Code 128 maximum length setting

最小允许读码长度



Code 128 minimum length setting

保存设定



Save setting to confirm

16. 交叉二五码相关设置



★ITF 2 of 5 no check character



ITF 2 of 5 check digit calculate and transmit



ITF 2 of 5 check digit calculate but without transmit

最大允许读码长度



ITF 2 of 5 code maximum length setting

最小允许读码长度



ITF 2 of 5 code minimum length setting

设定一个固定读码长度



ITF 2 of 5 one fixed length setting

设定两个固定读码长度



ITF 2 of 5 two fixed length setting

保存设定



Save setting to confirm

17. 中国邮政码相关设置

最大允许读码长度



Chinese post code maximum length setting

最小允许读码长度



Chinese post code minimum length setting

保存设定



Save setting to confirm

18. MSI/PLESSY 相关设置



★MSI/PLESSY double check digit calculate but not transmit



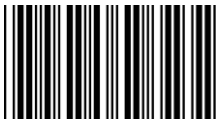
MSI/PLESSY double check digit without calculate and transmit



MSI/PLESSY double check digit calculate but only first digit transmit



MSI/PLESSY double check digit calculate and both transmit



MSI/PLESSY single check digit calculate but without transmission



MSI/Plessy single check digit calculate and transmit

最大允许读码长度



MSI/PLESSY maximum length setting

最小允许读码长度



MSI/PLESSY minimum length setting

保存设定



Save setting to confirm

19. CODE 93 相关设置



★Code 93 check digit calculate but without transmit



Code 93 check digit not calculate and without transmit



Code 93 check digit calculate and transmit

最大允许读码长度



Code 93 maximum length setting

最小允许读码长度



Code 93 minimum length setting

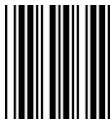
保存设定



Save setting to confirm

20. Full ASCII Code Table (常用部分)

更多需要，请查阅高级设定手册



Full ASCII ---- SP



Full ASCII ---- \$



Full ASCII ---- #



Full ASCII ---- %



Full ASCII ---- &



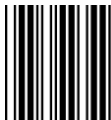
Full ASCII ---- +



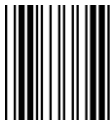
Full ASCII ---- *



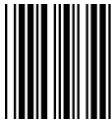
Full ASCII ---- ,



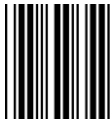
Full ASCII ---- -



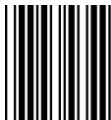
Full ASCII ---- /



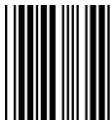
Full ASCII ---- .



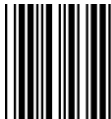
Full ASCII ---- 0



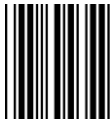
Full ASCII ---- 1



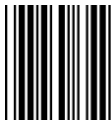
Full ASCII ---- 3



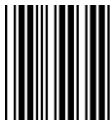
Full ASCII ---- 2



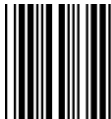
Full ASCII ---- 4



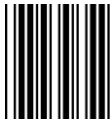
Full ASCII ---- 5



Full ASCII ---- 7



Full ASCII ---- 6



Full ASCII ---- 8



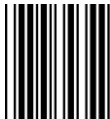
Full ASCII ----9



Full ASCII ---- @



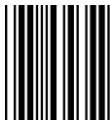
Full ASCII ---- ;



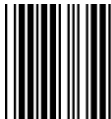
Full ASCII ---- A



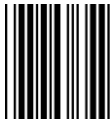
Full ASCII ---- B



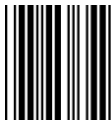
Full ASCII ---- D



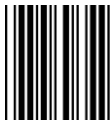
Full ASCII ---- C



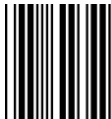
Full ASCII ---- E



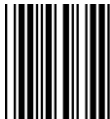
Full ASCII ---- F



Full ASCII ---- H



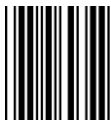
Full ASCII ---- G



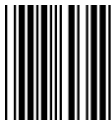
Full ASCII ---- I



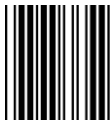
Full ASCII ---- J



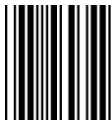
Full ASCII ---- L



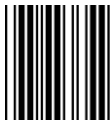
Full ASCII ---- K



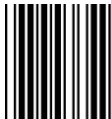
Full ASCII ---- M



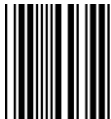
Full ASCII ---- N



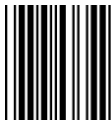
Full ASCII ---- P



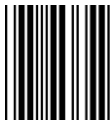
Full ASCII ---- O



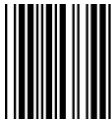
Full ASCII ---- Q



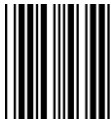
Full ASCII ---- R



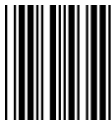
Full ASCII ---- T



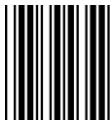
Full ASCII ---- S



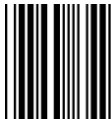
Full ASCII ---- U



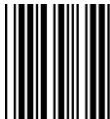
Full ASCII ---- V



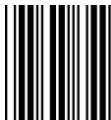
Full ASCII ---- X



Full ASCII ---- W



Full ASCII ---- Y



Full ASCII ---- Z



Full ASCII ---- ^



Full ASCII ---- [

进入及退出设定
Enter/Exit Programming Mode



(设定开始及结束时，请读取此条码)

★=缺省值 Default Value

P/N: MAU-07020-01A

