

**PiccoLink RF600 Laser
Scanner Programming Manual
Vers. PSC LM500 Plus**

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Reset to Factory Defaults

Reset active configuration to factory defaults is set by scanning Option **ZA**, followed by scanning Option **HD**.



Setting Symbology Parameters

The LM500 Plus module is able to decode UPC-A, UPC-E, EAN-8, EAN-13, Code 39, Code 128, Code 93, Codabar, Interleaved 2 of 5, and Standard 2 of 5 symbologies. The decoder will actively attempt to match bar code data against all symbologies which are enabled. Thus, performance is enhanced by disabling symbologies which are not used in a particular environment.

The symbol * indicates default Parameters for normal mode

Enabling All Symbologies







It is possible to enable all symbologies at once. This command is typically used for diagnostic or demonstration purposes. For best performance in actual use, only those symbologies which are needed should be enabled.








EAN



UPC

QA		Disable UPC-A
QC		*Enable UPC-A
QH		*Disable expansion of UPC-E to UPC-A
QI		Enable expansion of UPC-E to UPC-A
QL		*Enable UPC-E
QV		Disable UPC-E

Code 128

TA		Disable Code 128
TC		*Enable Code 128
TD		Enable function code transmission
TE		*Disable function code transmission
TF		Enable UCC 128 Emulation

Code 93

UA  *Disable Code 93

UB  Enabled Code 93






UEXX Set minimum length for Code 93 to XX
UFXX Set maximum length for Code 93 to XX

When Code 93 is enabled, label length defaults to UE01, Minimum length=1 character
UF32 maximum length = 32 character

Minimum and maximum length for Code 93






























































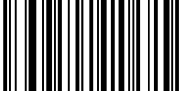
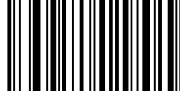

L	MIN	L	MIN	L	MAX	L	MAX
1		17		1		17	
2		18		2		18	
3		19		3		19	
4		20		4		20	
5		21		5		21	
6		22		6		22	
7		23		7		23	
8		24		8		24	
9		25		9		25	
10		26		10		26	
11		27		11		27	
12		28		12		28	
13		29		13		29	
14		30		14		30	
15		31		15		31	
16		32		16		32	

Codabar










VA		*Disable Codabar
VB		Enable Codabar
VC		*Disable transmission of start / stop characters
VD		Enable transmission of start / stop as upper-case characters
VEXX		Set minimum length for Codabar to XX characters. Includes start / stop and check characters, if transmitted.
VFXX		Set maximum length for Codabar to XX character. Includes start / stop and check characters, if transmitted.
VG		Enable transmission of start / stop as lower-case characters.

When Codabar is enabled, label length defaults to VE01, Minimum length = 1 character
VF64, Maximum length = 64 characters.

Minimum and maximum length for Codabar

L	MIN	L	MIN	L	MAX	L	MAX
1		17		1		17	
2		18		2		18	
3		19		3		19	
4		20		4		20	
5		21		5		21	
6		22		6		22	
7		23		7		23	
8		24		8		24	
9		25		9		25	
10		26		10		26	
11		27		11		27	
12		28		12		28	
13		29		13		29	
14		30		14		30	
15		31		15		31	
16		32		16		32	

Code 39

OA		Disable Code 39
OB		*Enable standard Code 39
OC		Enable full ASCII Code 39
OD		*Disable Modulo 43 check character
OE		Enable Modulo 43 check character
OF		*Disable transmission of start / stop characters
OG		Enable transmission of the start / stop characters
OHXX		Set minimum length to XX characters. Includes start / stop characters and check characters, if transmitted.
OIXX		Set maximum length to XX characters. Includes start / stop characters and check characters, if transmitted.
OJ		Enable transmission of the check character
OK		*Disable transmission of the check character

When Code 39 is enabled, label length defaults to:






OH01, Minimum length = 1 character

OI64, Maximum length = 64 characters

Minimum and maximum length for Code 39





























































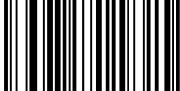
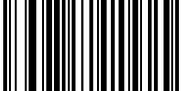

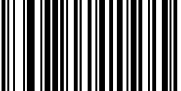
L	MIN	L	MIN	L	MAX	L	MAX
1		17		1		17	
2		18		2		18	
3		19		3		19	
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5		21		5		21	
6		22		6		22	
7		23		7		23	
8		24		8		24	
9		25		9		25	
10		26		10		26	
11		27		11		27	
12		28		12		28	
13		29		13		29	
14		30		14		30	
15		31		15		31	
16		32		16		32	

Interleaved 2 of 5






PA		*Disable Interleaved 2 of 5
PB		Enable Interleaved 2 of 5 without a check digit.
PC		Enable Interleaved 2 of 5 with a check digit
PDXX		Set minimum length for Interleaved 2 of 5 to XX characters. Includes check digit, if transmitted.
PEXX		Set maximum length for Interleaved 2 of 5 to XX characters. Includes check digit, if transmitted.
PO		*Disable transmission of Interleaved 2 of 5 check digit.
PP		Enable transmission of Interleaved 2 of 5 check digit.

When Interleaved 2 of 5 is enabled, label length defaults to:
PD14, minimum length set to 14 characters
PE14, maximum length set to 14 characters





























































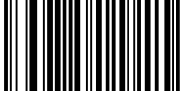
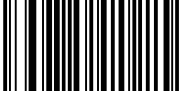

Minimum and maximum length for Interleaved 2 of 5

L	MIN	L	MIN	L	MAX	L	MAX
1		17		1		17	
2		18		2		18	
3		19		3		19	
4		20		4		20	
5		21		5		21	
6		22		6		22	
7		23		7		23	
8		24		8		24	
9		25		9		25	
10		26		10		26	
11		27		11		27	
12		28		12		28	
13		29		13		29	
14		30		14		30	
15		31		15		31	
16		32		16		32	

Standard 2 of 5

PQ		*Disable Standard 2 of 5
PR		Enable Standard 2 of 5 without a check digit.
PS		Enable Standard 2 of 5 with a check digit.
PTXX		Set minimum length for Standard 2 of 5 to XX characters.
PUXX		Set maximum length for Standard 2 of 5 to XX characters.
PV		*Disable transmission of Standard 2 of 5 check digit.
PW		Enable transmission of Standard 2 of 5 check digit.

Minimum and maximum length for Standard 2 of 5

L	MIN	L	MIN	L	MAX	L	MAX
1		17		1		17	
2		18		2		18	
3		19		3		19	
4		20		4		20	
5		21		5		21	
6		22		6		22	
7		23		7		23	
8		24		8		24	
9		25		9		25	
10		26		10		26	
11		27		11		27	
12		28		12		28	
13		29		13		29	
14		30		14		30	
15		31		15		31	
16		32		16		32	