

The background features a dark grey, low-poly geometric pattern. Overlaid on this are white line-art outlines of various electronic components, including a monitor, a control panel with buttons, and a device with a screen and a keypad. The TANCA logo, a stylized white 'T' with a curved bottom, is positioned to the left of the main text.

TANCA

AUTOMAÇÃO COMERCIAL

Manual de Instruções
Produto: **TL-120**



Manual de Instruções

Leitor de código de barras TL-120 Tanca



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Telefone: (18) 3223.1593
(18) 3223.2069
(18) 3222.9616
(18) 3222.2377

Email: suporte@tanca.com.br

Plataforma de atendimento: <http://tancasuporte.mysuite2.com.br/empresas/tanc/central.php>

Importante

As informações contidas neste manual do usuário têm como objetivo orientar você a fazer a utilização correta de seu equipamento em poucos passos.

Índice

| | |
|---------------------------------|----|
| Setup Procedure | 6 |
| Default Setting | 6 |
| Interface Selection | 6 |
| Keyboard Interface | 7 |
| Funtion code selection | 7 |
| Keyboard language | 7 |
| Data Format | 7 |
| Code ID | 7 |
| Terminator | 8 |
| Caps lock | 8 |
| Overall prefix and suffix | 8 |
| Barcode Setting | 9 |
| Industrial 2 of 5 | 9 |
| Standard 2 of 5 | 9 |
| Interleaved 2 of 5 | 9 |
| Matrix 2 of 5 | 9 |
| Codabar | 10 |
| Code MSI | 10 |
| UK/Plessey | 10 |
| Code 93 | 10 |
| Code 39 | 11 |
| UPC-A | 11 |
| UPC-E | 12 |
| EAN 13 | 12 |
| EAN 8 | 12 |
| Code 128 | 13 |

| | |
|--|----|
| GS1 | 13 |
| Black and White Inverse Code | 13 |
| Scan Mode | 13 |
| Redundancy | 13 |
| Automatic induction | 14 |
| Beep | 14 |
| Reading length for each barcode type | 15 |
| Appendix | 16 |
| Default barcode parameter settings table | 16 |
| Default setting table | 17 |
| ASCII table | 18 |
| Sets the code parameter barcode | 19 |
| Sample barcodes | 20 |
| Anotações | 21 |

Setup Procedure

The general procedure to program:

scan configuration codes directly

Example 1. To set the TL-120 parameters to 9 6 0 0, 8, 0, 1

1. scan "9600" (Baud Rate)
2. scan "8 bit" (Data Bits)
3. scan "None" (Parity)
4. scan "1 bit" (Stop Bit)

Remark:

1. "Reserved" is reserved for customized function.
2. This manual is subjected to change without notice.

Default Setting



Default

"*"Denotes default setting

Interface Selection

TL-120 interface can be detected automatically, no need configuration



*USB-HID

Keyboard Interface

Function code selection



Reserved 1



Reserved 2



Number Lock On



Number Lock Off



Reserved 3



Reserved 4

Keyboard language



US*



Japanese



Portuguese



Czech



Danish



Swedish



French



Italian



Norwegian



Spanish



Turkish-Q



English



Germany



Greek



Hungarian

Data Format

Code ID



*On



Off



*AIM code Off



AIM code On

Terminator



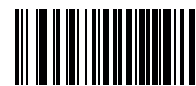
*Terminator allowed



None



Tab



Enter



0X0D+0D0A

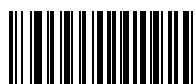
Caps lock



*Original Data



Upper Case complusive



Lower case complusive



Upper and lower case convert complusive

Overall Prefix and Suffix



*Original Data



Upper Case complusive



Lower case complusive



Upper and lower case convert complusive



*Original Data



Upper Case complusive

Example 1: Set "ST" as prefix. Refer to ASCII appendix, S= 0x53, T= 0x54,enable prefix, then set the custom prefix parameter to 5354, and save. **Step:** Scan below configuration codes in turn: "Prefix ON", "Prefix setting", "5", "3", "5", "4", "Save".

Example 2: Set "ED" + "ENTER" as suffix.

Refer to ASCII appendix, E= 0x45, D= 0x44, Enter=0x0D, enable suffix, then set the custom suffix parameter to "45440D", and save. **Step:** Scan below configuration codes in turn: "Suffix ON", "Suffix setting", "4", "5", "4", "4", "0", "D", "Save".

Barcode Setting

Industrial 2 of 5



On



*Off



*Not Verify check



Verify check
transfer



Verify check not
transfer

Standart 2 of 5



On



*Off



*Not Verify check



Verify check
transfer



Verify check not
transfer

Interleaved 2 of 5



On



*Off



*Not Verify check



Verify check
transfer



Verify check not
transfer

Matrix 2 of 5



On



*Off



*Not Verify check



Verify check
transfer



Verify check not
transfer

Codabar



On



*Off



*Not Verify check



Verify check
transfer



Verify check not
transfer



*Transmit start &
stop character



Not transmit start
& stop character



*Start and stop
character
ABCD / ABCD



Start and stop
character
ABCD / TN*E

Code MSI



On



*Off



*Not Verify check



Verify check
transfer



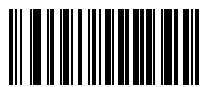
Verify check mod
10/10



Verify check mod
10/11



Verify check
Transfer



*Verify check not
Transfer

UK/Plessey



On



*Off



*Not Verify check



Verify check
transfer



Verify check mod
10/10

Code 93



On



*Off



*Not Verify check



Verify check
transfer

Code 39



On



*Off



*Not Verify check



*full Ascii 39



Standard 39



Verify check
transfer



*Verify check not
transfer



Transmit start and
stop*



Not transmit start
and stop*



Code 32 enable



Code 32 disable



Transmit code 32
prefix A



*Not transmit
code 32 prefix A



Reserved 1



Reserved 2

UPC-A



*On



Off



*Transmit leading
digit



Not transmit
leading digit



Convert to
EAN-13



*Not Convert to
EAN-13



*Verify check
transfer



*Verify check
not transfer



* Addenda 2 digit
disable



* Addenda 2 digit
enable



* Addenda 5 digit
disable



* Addenda 5 digit
enable

UPC-E



*On



Off



*Transmit leading digit "0"



Not transmit leading digit "0"



Convert to UPC-A



*Not Convert to UPC-A



*Verify check transfer



*Verify check not transfer



* Addenda 2 digit disable



Addenda 2 digit enable



* Addenda 5 digit disable



Addenda 5 digit enable

EAN 13



*On



Off



ISBN enable



ISBN disable



ISSN enable



*ISSN disable



*Verify check transfer



Verify check not transfer



* Addenda 2 digit disable



Addenda 2 digit enable



* Addenda 5 digit disable



Addenda 5 digit enable

EAN 8



*On



Off



Convert to EAN-13



Not convert to EAN-13



*Verify check transfer



*Verify check not transfer



* Addenda 2 digit disable



Addenda 2 digit enable



* Addenda 5 digit disable



Addenda 5 digit enable

Code 128



***On**



Off



ucc 128 enable



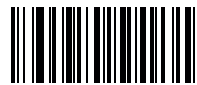
***ucc 128 disable**



***Verify check
transfer**



***Verify check
not transfer**



ISBN disable



ISBN enable

GS1



***On**



Off

Black and White Inverse Code



***On**



Off

Scan mode



***Manual Mode**



**Continuous
Scanning (always)
On**



**Continuous
Scanning
(Flashing)**



Reserved 1



Reserved 2



Reserved 3

Redundancy



***None**



1 time



2 times



3 times

Automatic induction

Need scanner support this function



Reserved 1



Reserved 2

Beep



*Off



On



Short beep
duration



*medium beep
duration



*Long beep
duration



Low Frequency



*Medium
frequency



High Frequency

Reading length for each barcode type



Indsutial 2 of 5
maximum length



Indsutial 2 of 5
minimum length



standard 2 of 5
maximum length



standard 2 of 5
minimum length



Matrix 2 of 5
maximum length



Matrix 2 of 5
minimum length



Interleaved 2 of 5
maximum length



Interleaved 2 of 5
minimum length



code 11
maximum length



code 11
minimum length



codabar
maximum length



codabar
minimum length



MSI
maximum length



MSI
minimum length



Code UK
maximum length



Code UK
minimum length



code 39
maximum length



code 39
minimum length



code 93
maximum length



code 93
minimum length



code 128
maximum length



code 128
minimum length

Appendix

Default barcode parameter settings table

| Types | Read | Verify check | Transmit checking digit | Minimum length | Maximum length | ID |
|-------------------|------|--------------|-------------------------|----------------|----------------|----|
| Industrial 2 of 5 | N | N | N | 6 | 255 | U |
| Standard 2 of 5 | N | N | N | 6 | 255 | S |
| Matrix 2 of 5 | N | N | N | 6 | 255 | T |
| Interleave 2 of 5 | YES | N | N | 6 | 255 | N |
| Code 11 | N | YES | N | 4 | 255 | M |
| Codabar | YES | N | N | 4 | 255 | W |
| Code MSI | N | YES | N | 4 | 255 | Y |
| Code UK | YES | YES | N | 1 | 255 | X |
| Code39 | YES | N | N | 4 | 255 | K |
| Code93 | YES | YES | N | 4 | 255 | L |
| EAN-13 | YES | YES | N | 13 | 13 | D |
| UPC-A | YES | YES | YES | 12 | 12 | A |
| EAN-8 | YES | YES | YES | 8 | 8 | C |
| UPC-E | YES | YES | YES | 7 | 7 | B |
| Code128 | YES | YES | N | 1 | 255 | G |
| RSS Truncated | YES | N | N | 14 | 14 | Z |
| RSS Limited | YES | N | N | 14 | 14 | Z |
| RSS Expanded | YES | N | N | 1 | 255 | Z |

Gray background denotes default

Default settings table

| List | Project Name | Description | Default |
|------|-------------------|--------------------------------|------------------------------|
| 1 | Scan mode | | Manual scan |
| 2 | Interface setting | | *Automatic |
| 3 | KB/USB | Keyboard language | US |
| 4 | | Enable digital keypad | Disable |
| 5 | | Caplock Ignore | Ignore |
| 6 | Data editing | COM trigger | Enter(0x0d) |
| 7 | | Caps lock | Original data |
| 8 | | CODE ID | OFF |
| 9 | | Overall Prefix and Suffix | None |
| 10 | Beeper settings | Successful decoding sound tips | Middle tone Long duration |
| 11 | Other functions | Repeated | None |
| 12 | | Inverse barcode decoding | OFF |
| 13 | | Automatic induction | OFF |

ASCII table

| ASCII | HEX | DEC |
|-------|-----|-----|
| NUL | 00 | 0 |
| SOH | 01 | 1 |
| STX | 02 | 2 |
| ETX | 03 | 3 |
| EOT | 04 | 4 |
| ENQ | 05 | 5 |
| ACK | 06 | 6 |
| BEL | 07 | 7 |
| BS | 08 | 8 |
| HT | 09 | 9 |
| LF | 0a | 10 |
| VT | 0b | 11 |
| FF | 0c | 12 |
| CR | 0d | 13 |
| SO | 0e | 14 |
| SI | 0f | 15 |
| DLE | 10 | 16 |
| DC1 | 11 | 17 |
| DC2 | 12 | 18 |
| DC3 | 13 | 19 |
| DC4 | 14 | 20 |
| NAK | 15 | 21 |
| SYN | 16 | 22 |
| ETB | 17 | 23 |
| CAN | 18 | 24 |
| EM | 19 | 25 |
| SUB | 1a | 26 |
| ESC | 1b | 27 |
| FS | 1c | 28 |
| GS | 1d | 29 |
| RS | 1e | 30 |
| US | 1f | 31 |

| ASCII | HEX | DEC |
|-------|-----|-----|
| SP | 20 | 32 |
| ! | 21 | 33 |
| " | 22 | 34 |
| # | 23 | 35 |
| \$ | 24 | 36 |
| % | 25 | 37 |
| & | 26 | 38 |
| ' | 27 | 39 |
| (| 28 | 40 |
|) | 29 | 41 |
| * | 2a | 42 |
| + | 2b | 43 |
| , | 2c | 44 |
| - | 2d | 45 |
| . | 2e | 46 |
| / | 2f | 47 |
| 0 | 30 | 48 |
| 1 | 31 | 49 |
| 2 | 32 | 50 |
| 3 | 33 | 51 |
| 4 | 34 | 52 |
| 5 | 35 | 53 |
| 6 | 36 | 54 |
| 7 | 37 | 55 |
| 8 | 38 | 56 |
| 9 | 39 | 57 |
| : | 3a | 58 |
| ; | 3b | 59 |
| < | 3c | 60 |
| = | 3d | 61 |
| > | 3e | 62 |
| ? | 3f | 63 |

| ASCII | HEX | DEC |
|-------|-----|-----|
| @ | 40 | 64 |
| A | 41 | 65 |
| B | 42 | 66 |
| C | 43 | 67 |
| D | 44 | 68 |
| E | 45 | 69 |
| F | 46 | 70 |
| G | 47 | 71 |
| H | 48 | 72 |
| I | 49 | 73 |
| J | 4a | 74 |
| K | 4b | 75 |
| L | 4c | 76 |
| M | 4d | 77 |
| N | 4e | 78 |
| O | 4f | 79 |
| P | 50 | 80 |
| Q | 51 | 81 |
| R | 52 | 82 |
| S | 53 | 83 |
| T | 54 | 84 |
| U | 55 | 85 |
| V | 56 | 86 |
| W | 57 | 87 |
| X | 58 | 88 |
| Y | 59 | 89 |
| Z | 5a | 90 |
| [| 5b | 91 |
| \ | 5c | 92 |
|] | 5d | 93 |
| ^ | 5e | 94 |
| _ | 5f | 95 |

| ASCII | HEX | DEC |
|-------|-----|-----|
| ' | 60 | 96 |
| a | 61 | 97 |
| b | 62 | 98 |
| c | 63 | 99 |
| d | 64 | 100 |
| e | 65 | 101 |
| f | 66 | 102 |
| g | 67 | 103 |
| h | 68 | 104 |
| i | 69 | 105 |
| j | 6a | 106 |
| k | 6b | 107 |
| l | 6c | 108 |
| m | 6d | 109 |
| n | 6e | 110 |
| o | 6f | 111 |
| p | 70 | 112 |
| q | 71 | 113 |
| r | 72 | 114 |
| s | 73 | 115 |
| t | 74 | 116 |
| u | 75 | 117 |
| v | 76 | 118 |
| w | 77 | 119 |
| x | 78 | 120 |
| y | 79 | 121 |
| z | 7a | 122 |
| { | 7b | 123 |
| | 7c | 124 |
| } | 7d | 125 |
| ~ | 7e | 126 |
| DEL | 7f | 127 |

Sets the code parameter barcode



0



1



2



3



4



5



6



7



8



9



A



B



C



D



E



F



Save

Sample barcodes

Code 39



Codabar



Interleaved 2 of 5



Code 128



UPC-A with 5



EAN-13 with 2





Rua Marechal Floriano Peixoto, 166 - Vila Marcondes
Presidente Prudente - SP - CEP: 19030-020
(18) 3223-1593 / 3223-2069 / 3222.9616 / 3222.2377
www.tanca.com.br