

USHM-U

SCANNER DE MÃO BLACK USB

Manual de Operação



CONTEÚDO DA CAIXA

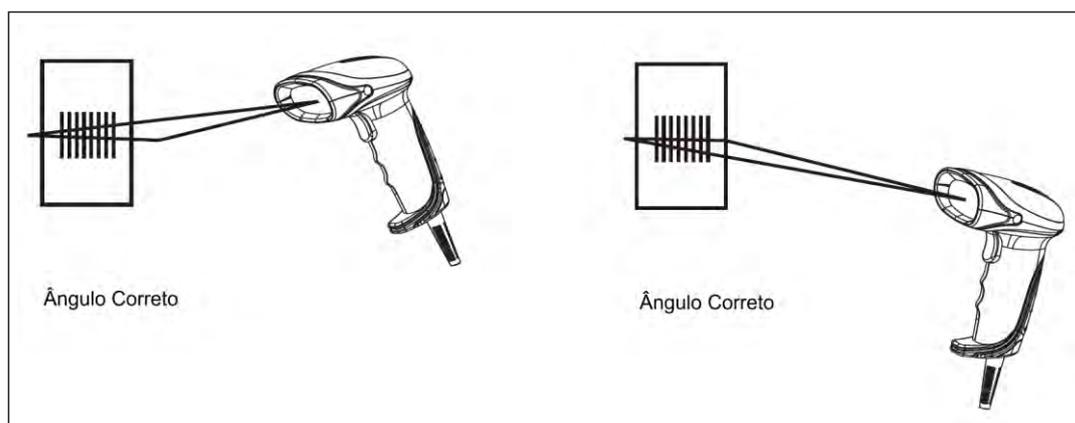
No interior da embalagem do produto se encontram os seguintes itens: manual de operação, pedestal e peças de fixação, cabo de comunicação USB e o Scanner.

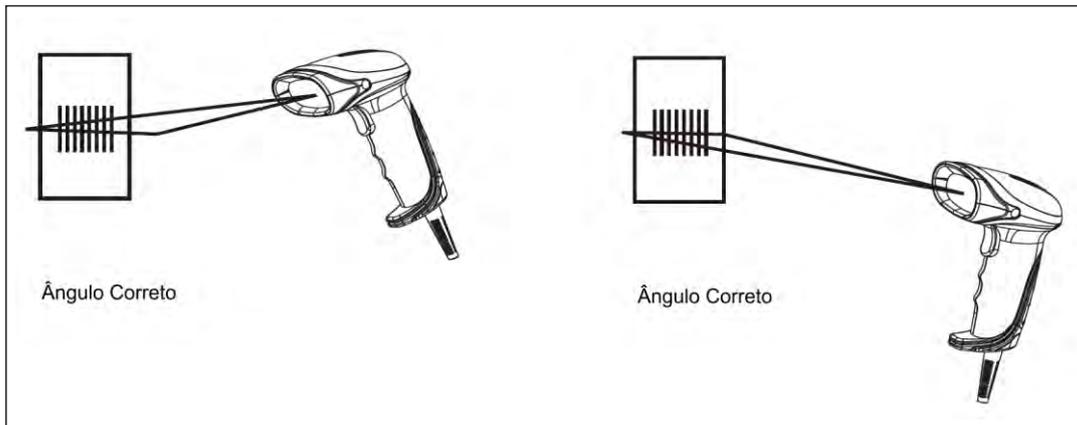
ESPECIFICAÇÃO TÉCNICA

O **Scanner USHMU** possui interface USB, configuração de diferentes características, pode ser utilizado de modo manual ou automático quando em uso com o suporte. Além disso, oferece uma leitura rápida e eficaz de código de barras.

Acessórios:	Suporte base, cabo de comunicação RJ-45 x USB, Manual
Cilindro horizontal:	35mm de diâmetro
Comunicação:	Ps2 Keyboard, RS-232 serial port, USB
Contraste:	30% - roll 30°, pitch 75°, yaw 65°
Corrente:	30mA (Standby) – 50mA (operação) – 100mA (máximo)
Detalhes da comunicação:	USB 2.0, compatível com Sistema operacional Windows (plug and play) / Linux (plug and play). Obs.: não requer driver
Distância máxima de leitura:	15 cm
ESD proteção:	15kv descarga de ar
Fonte de alimentação:	5VDC +/- 5%
Fonte de luz:	Laser visível 650nm (Norma nacional de segurança laser classe 1)
Largura da leitura:	5cm - 30cm
Interface cabo scanner:	RJ-45
Modos de disparo:	Automático e manual - Default (Pressionar enquanto efetua a leitura); - Single no trigger (Pressiona uma vez e dispara durante 3 seg.) - Multiscan (Igual ao Default); - Multiscan No Trigger (Pressiona uma vez e dispara durante 3 seg.); - Continuous (contínuo); - Pulse (pulsando full time); - Obs.: nenhum em modo standby.
Profundidade de barra	2-9cm (0.1mm largura); 3-50 (0.3mm largura)
Prompt Mode	Buzzer, indicador de luz
Resistência ao choque	queda livre de 1,5m na superfície do concreto
Resolução	Mínimo 0.1mm (4mil)
Temperatura	0°C a 50°C / 32 a 122 °F – (trabalho / armazenamento)
Tipos de códigos de barras	UPC-A, UPC-E, EAN-13, EAN-8 ISBN+5 / SBN+ 2, CODE 39, CODE 93, ITF25, INDUSTRIAL 25, CODABAR, CODE 128, CODE 11, o MSI / Plessey, UCC/EAN128
Tipo de gatilho	Digitalização automática, digitalização contínua
Umidade	20 – 85%
Velocidade	300 scans/por segundo

ÂNGULO DE LEITURA





- Mantenha feixe luminoso entre o scanner e o código de barra.
- Se o feixe não cobrir todo o código de barras, ocorrerá falha de leitura.
- Não utilize o scanner no ângulo de 90° com o código de barra, pode ocorrer erro no modo de leitura

INSTALAÇÃO

- Conecte o conector modular (RJ4) do cabo na parte inferior do scanner até ouvir um clique.
- Conecte o cabo USB no computador.
- Aguarde finalizar a instalação automática do drive do scanner. Após o término, realize um teste de leitura de código de barras.

Function Settings

Definition Settings



Show Version Info
(user-defined)



Show Serial NO.
(user-defined)



Reset Factory
Defaults

Interface



Default Interface



PS2 Keyboard Wedge



Serial



USB Keyboard Wedge



USB Serial

Reading Mode



Default Mode



Single Scan No Trigger



Multiscan



Multiscan
No Trigger



Continuous Scan



Pulse

Buzzer



ON



OFF

Add Code ID



No Code ID



Send Code ID as Prefix



Send Code ID
as Suffix

Language Settings



America English



Canada French



Dutch



Spanish



Argentina(Latin)



Brazil Portuguese



Danish



England English



Italian



France French



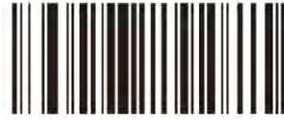
German



Norway



Swedish, Finnish



Slovak



Portugal Portuguese



Czech



Belgium Dutch



Turkish-F



Turkish-Q



Polish 214



Switzerland
German, French



Croatian



Hungarian

Serial Mode Parameter Settings (Baud Rate)



600bps



1200bps



2400bps



4800bps



9600bps



19200bps



38400bps



57600bps



115200bps

Serial Protocol



Serial No
Check Digit



Serial XON/OFF



Serial RTS/CTS



Serial ACK/NA



Hand Shake
Timeout-2secs



Hand Shake
Timeout-5secs

Data Bits



7



8

Stop Bits



1



2

Check Digits



None



ODD



Even



Mark Check Digit



Space Check Digit

Transmit Speed



Highest



Higher



Lower



Lowest

Image



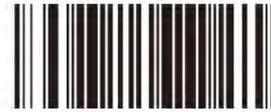
Code 39



Code 39 on



Code 39 off



Code 39 ID as 'm'



Code 39 Full
ASCLL-on



Code 39 Full
ASCLL-off



Code39 MOD43
Verify Off



Code39 MOD43
Verify On



Code39 transmit
verify-On



Code39 transmit
CHARS-Off



Code39 transmit
CHARS-On



Code39
redundancy enable



Code39
redundancy disable



Replace "2" with
"TWO" -disable



Replace "2" with
"TWO"-enable



Covert code39 into
code32 (DF)-disable



Covert code39 into
code32-enable



Code39 TAB Mode

UPC-A



UPC-A on



UPC-A off



UPCA ID as 'e'



Convert UPCA into
EAN13 enable



Convert UPCA into
EAN13 disable



Transmit UPCA
check code



Transmit UPCA
check code disable



UPCA hide system
character-disable



UPCA hide system
character-enable

UPC-E



UPC-E on



UPC-E off



UPC-E ID as 'f'



Convert UPCE
into UPCA -enable



Convert UPCE
into UPCA-disable

EAN13



EAN13 on



EAN13 off



EAN13 ID as 'd'



Transmit EAN13
check code-enable



Transmit EAN13
check code-disable



Convert EAN13
into ISBN-enable



Convert EAN13
into ISBN-disable



Convert EAN13
into ISSN-disable



Convert EAN13
into ISSN-enable



EAN13
redundancy enable



EAN13
redundancy disable

EAN 8



EAN8 /on



EAN8 /off



EAN8 ID as 'c'

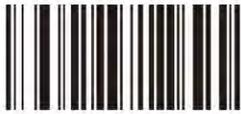
Supplements Settings



Supplements-5 digits



Supplements-2 digits



Supplements-2&5 digits



Supplements disable

Code93



Code93 /on



Code93/ off



Code 93 ID as 'l'



Code93
redundancy enable



Code93
redundancy disable



Code 93 MOD47/on



Code 93 MOD47/off

Code128



Code128/on



Code128/off



Code 128 ID 'a'



Code128
redundancy disable



Code128
redundancy enable

Codabar



Codabar/on



Codabar/off



Codabar ID as 'v'



Codabar Send start/stop
CHARS-enable



Codabar Send start/stop
CHARS-disable



Codabar
redundancy enable



Codabar
redundancy disable

Interleaved 25



Interleaved/ITF25-on



Interleaved/ITF25-off



ITF25 ID as 'n'



ITF25
redundancy disable



ITF25
redundancy enable

Industrial 25



Industrial 25/ on



Industrial 25/ off



Industrial 25 ID as 'o'



Industrial 25
redundancy enable



Industrial 25
redundancy disable

Code MSI



Code MSI/on



Code MSI/off



MSI ID as 's'



Code MSI
redundancy disable



Code MSI
redundancy enable

Code Plessey



Code Plessey



Code Plessey/off



Code Plessey ID as 't'



Code Plessey
redundancy disable



Code Plessey
redundancy enable

Code11



Code11/on



Code11/off



Code 11 ID as 'u'



Code11
redundancy disable



Code11
redundancy enable



Code11 auto CK verify



Code11 C verify



Code11 CK verify

Matrix 25



Matrix 25/on



Matrix 25/off



Matrix 25 ID as 'q'



Postage Code 25/on



Postage Code 25/off



Postage Code 25 ID as 'r'



Aviation 25/on



Aviation 25/off



Aviation 25 ID as 'p'

GS1



GS1 Omnidirectional/on



GS1 Omnidirectional/off



GS1 Omni ID as 'j'



GS1 Limited/on



GS1 Limited/off



GS1 Limited ID as 'k'

FUNC



Cancel FUNC Mapping



Replace 'FUNC1' with '0'



Replace 'FUNC2' with '2'



Replace 'FUNC3' with '3'



Replace 'FUNC4' with '6'

Front/Behind CHARS Settings



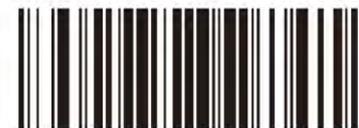
Hide CHARS-disable



Hide CHARS '-'



Replace '0'
with 'A'-disable



Replace '0'
with 'A'-enable



Replace '1'
with 'ONE'-disable



Replace '1'
with 'ONE'-enable



Delete CHARS
in front of '12345'-disable



Delete CHARS
in front of '12345'

USB Upload



USB quick upload/on



USB quick upload/off

IR Auto-sensing



IR Auto-sensing/on



IR Auto-sensing/off

Hide Characters



Hide the behind
CHARS-disable



Hide the last 5
characters-enable



Hide the front
CHARS-disable



Hide the front 5
characters-enable



Hide the middle
characters-disable



Hide the middle 5
characters-enable



Starting from the front four CHAR

Multiscan Settings



3 sec



1 sec



5 sec

Conversion of EAN, ISBN & ISSN



Convert all EAN into ISBN-enable



Convert all EAN into ISBN-disable



Convert all EAN into ISSN-enable



Convert all EAN into ISSN-disable



Enter into checking mode (used with caution)

Prefix & Suffix Setting



All codes add suffix CR



All codes add suffix CR+CR



LF all codes add suffix ETX



All codes add prefix F2



All codes add suffix F2



All codes add suffix
format CHARS-disable



All codes add prefix STX



All codes add prefix disable



Set to add prefix



Set to add suffix



Quit out prefix and
suffix adding mode



Clear all prefix CHARS



Clear all suffix CHARS

Alphabet



SOH



STX



ETX



EOT



ENQ



ACK



BEL



Backspace



TAB



LF



VT



FF



CR



SO



SI



DLE



DC1



DC2



DC3



DC4



NAK



SYN



ETB



CAN



EM



SUB



ESC



FS



GS



RS



US



SPACE



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F4



F5



F6



F7



F8



F9



F10



F11



F12



INSERT



HOME



Page up



Delete



END



Page down



Right arrow



Left arrow



Down arrow



Up arrow