

Technical assistance:

For technical assistance, please email to support@teemistore.com with your purchase order number and a detailed description of your issue. We normally respond to enquiries within 24 hours.

Warranty:

This scanner is covered with TEEMI parts and labor warranty for 12 months from date of the original purchase from TEEMI. If the device fails due to a manufactured defect, please contact TEEMI Support (support@teemistore.com) immediately to launch a warranty claim. We will instruct you on how to return the defective unit back to us for repair and replacement.

The following are excluded from TEEMI warranty cover:

- Device purchased as 2nd hand or used
- Device purchased from unauthorized retailer and distributor
- Device resulted from misuse and abusive action
- Damage resulted from chemical, fire, radioactive substance, and poison, liquid and natural disaster
- Damage caused to any 3rd party / person / object and beyond

Email: support@teemistore.com

Website: www.teemistore.com

Facebook: <https://www.facebook.com/TEEMI.products>



2D wired barcode scanner

User Guide

Model: T22N-AU

TEEMI

Introduction:

T22N-AU is a camera/CCD scanner that works by taking a photo and attempting to decode the image. It provides high performance affordable 2D imaging, delivering blazing laser-quality speed on both 1D and 2D bar codes displayed on paper labels and the electronic displays on mobile phones, tablets and more, allowing you to accommodate 2D bar codes without sacrificing scanning quality or performance. The scanner supports Windows PC, Mac OS via USB cable without installing any software or updates.

How to use the scanner

STEP 1 – ATTACH CABLE TO THE SCANNER

NOTE: An audible click sounds when the shielded cable is inserted correctly. You can take out the USB cable from the scanner by using the small pin in the package.

STEP 2 – CONNECT CABLE TO A HOST

STEP 3 START TO SCAN

Open up notepad or your editable software, left your cursor in, scan the barcodes.

Factory Defaults

Scanning the following barcode can restore the engine to the factory defaults.

Note: Use this feature with discretion. This will remove all your custom settings.



0D0100.

Restore All Factory Defaults

USB COM Port Emulation

If you connect the engine to the Host via a USB connection, the USB COM Port Emulation feature allows the Host to receive data in the way as a serial port does. A driver is required for this feature, visit our website (www.teemistore.com) to download and install.

USB HID-KB

When you connect the engine to the Host via a USB connection, you can enable the USB HID-KB feature by scanning the barcode below. Then engine's transmission will be simulated as USB keyboard input. The Host receives keystrokes on the virtual

keyboard. It works on a Plug and Play basis and no driver is required.



090500.

USB HID-KB(Default)

Convert Case

Scan the appropriate barcode below to convert barcode data to your desired case.



060D020.

No Case Conversion (default)



060D021.

Convert All to Upper Case



060D022.

Convert All to Lower Case

Example: When the Convert All to Lower Case feature is enabled, barcode data “AbC” is transmitted as “abc”.

Presentation Mode

If you purchase the T22N - AU scanner without the intelligent stand, you can activate the presentation mode by scanning the following first **two** barcodes:



0E06040.

Turn off the magnetic feature



0E01003.

Presentation Mode

If you have the intelligent stand, you can activate the magnetic feature.(When the scanner sits in the intelligent stand, it will automatically work under presentation mode)



Beeper - Good Read



Beeper Tone - Good Read



General Configuration



Language Keyboard



060E000.

1—U.S. (Default)



060E003.

4—France



060E005.

7—Italy



060E004.

17—Germany



060E0010.

24—Spain



060E0028.

29—Japan

Restore Symbology Default Setting



090101.

Restore Symbology Default

Symbologies Enable:

Code 128, Code 39, UPC, EAN, Interleaved 2 of 5, Code 93, Coda Bar, GS1-128, DataMatrix, PDF417, QR, Maxi Code, Aztec.

Make for optimize scan performance in most retail barcode scan use case.



091832.

Only Enable Retail Barcode

Symbologies Enable:

UPC, EAN, Code128, QR, PDF417.

SCANNER INDICATIONS

LED Indications

Off — Scanner is on and ready to scan, or no power to scanner

Blue — Bar code is successfully decoded

Beeper Indications

Long beep — Power up

Short beep — Bar code symbol decoded (if decode beeper enabled) or Successful parameter setting

TROUBLESHOOTING

Scanner not working

No power to scanner



Check system power;
ensure power supply, if required, is connected

Interface/power cables is loose



Ensure all cable connections are secure

Scanner decoding bar code, but data not transmitting to host or displayed incorrectly

The scanner is not programmed for correct host interface, please contact TEEMI support (support@teemistore.com) with your host interface details.

Scanner not decoding bar code

Scanner not programmed for bar code type



Ensure scanner is programmed to read type of bar code being scanned. Please contact TEEMI support (support@teemistore.com) if you were not sure what the barcode type it was. You can also download the detailed user guide on amazon page or www.teemistore.com to enable the barcode type.

Bar code unreadable



Ensure bar code not defaced; try scanning test bar code of same bar code type

Distance between scanner and bar code incorrect



Move scanner closer to or further from bar code

T22N-AU has the ability to take part of and phrase the scanned data, also add prefix or suffix after each scan, please kindly email us a clear barcode image and what reading result you expect. We will make the programming barcode for you.

Prefix and Suffix

To set the prefix or suffix, you can generate the programming barcode on your own; the barcode type is data matrix.

For example:

To add three enter as prefix for EAN-13:

The programming data is ^3080400640d0d0d.

(^3 is to enter programming setting, 080400 is the code to add prefix, 64 is for EAN-13 symbology, 0d is the code to set three enter as prefix, the dot (.) at the end is to save the settings.)

To add three enter as suffix:

The code character is ^3080500990d0d0d.

(^3 is to enter programming setting, 080500 is the code to add suffix, 99 is all types of barcodes, 0d is the code to set three enter as suffix, the dot (.) at the end is to save the settings.)

If you have difficulties to create the programming barcode for prefix and suffix, please kindly contact support@teemistore.com with your programming request. We will make the configuration code for you.

Symbology Charts

Hex	Dec	Symbology
99	0	All symbologies
61	1	Codabar
68	2	Code 11
6A	3	Code 128
3C	4	Code 32 Pharmaceutical (PARAF)
62	5	Code 39 (supports Full ASCII mode)
69	6	Code 93 and 93i
64	7	EAN-13
44	8	EAN-8
79	9	GS1 DataBar
7B	10	GS1 DataBar Limited
7D	11	GS1 DataBar Expanded
49	12	GS1-128
65	13	Interleaved 2 of 5
6D	14	Matrix 2 of 5
67	15	MSI
74	16	Telepen
63	17	UPC-A
45	18	UPC-E
7A	19	Aztec Code
6C	20	Code 49
79	21	GS1 Composite and GS1 DataBar Omnidirectional
78	22	MaxiCode

72	23	PDF417
52	24	MicroPDF417
73	25	QR Code, Micro QR Code
4D	26	Intelligent Mail Bar Code
41	27	Australian Post
42	28	British Post
43	29	Canadian Post

ASCII Table :

Hex	Dec	Char
00	0	NUL (Null char.)
01	1	SOH (Start of Header)
02	2	STX (Start of Text)
03	3	ETX (End of Text)
04	4	EOT (End of Transmission)
05	5	ENQ (Enquiry)
06	6	ACK (Acknowledgment)
07	7	BEL (Bell)
08	8	BS (Backspace)
09	9	HT (Horizontal Tab)
0a	10	LF (Line Feed)
0b	11	VT (Vertical Tab)
0c	12	FF (Form Feed)
0d	13	CR (Carriage Return)
0e	14	SO (Shift Out)

0f	15	SI (Shift In)
10	16	DLE (Data Link Escape)
11	17	DC1 (XON) (Device Control 1)
12	18	DC2 (Device Control 2)
13	19	DC3 (XOFF) (Device Control 3)
14	20	DC4 (Device Control 4)
15	21	NAK (Negative Acknowledgment)
16	22	SYN (Synchronous Idle)
17	23	ETB (End of Trans. Block)
18	24	CAN (Cancel)
19	25	EM (End of Medium)
1a	26	SUB (Substitute)
1b	27	ESC (Escape)
1c	28	FS (File Separator)
1d	29	GS (Group Separator)
1e	30	RS (Request to Send)
1f	31	US (Unit Separator)
20	32	SP (Space)
21	33	! (Exclamation Mark)
22	34	" (Double Quote)
23	35	# (Number Sign)
24	36	\$ (Dollar Sign)
25	37	% (Percent)
26	38	& (Ampersand)
27	39	` (Single Quote)

28	40	((Right / Closing Parenthesis)
29	41)	(Right / Closing Parenthesis)
2a	42	*	(Asterisk)
2b	43	+	(Plus)
2c	44	,	(Comma)
2d	45	-	(Minus / Dash)
2e	46	.	(Dot)
2f	47	/	(Forward Slash)
30	48	0	
31	49	1	
32	50	2	
33	51	3	
34	52	4	
35	53	5	
36	54	6	
37	55	7	
38	56	8	
39	57	9	
3a	58	:	(Colon)
3b	59	;	(Semi-colon)
3c	60	<	(Less Than)
3d	61	=	(Equal Sign)
3e	62	>	(Greater Than)
3f	63	?	(Question Mark)
40	64	@	(AT Symbol)

41	65	A	
42	66	B	
43	67	C	
44	68	D	
45	69	E	
46	70	F	
47	71	G	
48	72	H	
49	73	I	
4a	74	J	
4b	75	K	
4c	76	L	
4d	77	M	
4e	78	N	
4f	79	O	
50	80	P	
51	81	Q	
52	82	R	
53	83	S	
54	84	T	
55	85	U	
56	86	V	
57	87	W	
58	88	X	
59	89	Y	

5a	90	Z
5b	91	[(Left / Opening Bracket)
5c	92	\ (Back Slash)
5d	93] (Right / Closing Bracket)
5e	94	^ (Caret / Circumflex)
5f	95	_ (Underscore)
60	96	' (Grave Accent)
61	97	a
62	98	b
63	99	c
64	100	d
65	101	e
66	102	f
67	103	g
68	104	h
69	105	i
6a	106	j
6b	107	k
6c	108	l
6d	109	m
6e	110	n
6f	111	o
70	112	p
71	113	q
72	114	r

73	115	s
74	116	t
75	117	u
76	118	v
77	119	w
78	120	x
79	121	y
7a	122	z
7b	123	{ (Left/ Opening Brace)
7c	124	(Vertical Bar)
7d	125	} (Right/Closing Brace)
7e	126	~ (Tilde)
7f	127	DEL (Delete)