

Handy Pokayoke System Manual Document Documentation EN Blueprint for ALPHA

R1
Made for: ALPHA INDUSTRY (THAILAND) CO.,LTD.
By: TOMAS TECH CO.,LTD.



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Introduction

This manual explains each handy terminal, how to set it up with a PC, how to check the operation, and how to communicate with a PC.

Please read before starting work.

For safe use of this device

To use this device correctly and safely, be sure to observe the following safety precautions when operating this device. TOMAS TECH cannot be held responsible or warranted for any damage caused by using the product in violation of these precautions.

◆ How to read the symbols

In this manual, the items to be observed in order to use the device safely are classified as follows.



Danger

If you ignore the information on this label and handle it incorrectly, there is a risk of death or serious injury.



Warning

This indicates the contents that may cause injury if the contents of this display are ignored and the product is handled improperly.



Caution

It indicates that property damage may occur if the product is handled improperly, ignoring the contents of this display.



The symbol represents a "caution" that it should be aware of.



The symbol represents an "instruction" that it must execute.



The symbol represents a "prohibition" that must not be done.



The symbols represent the "information" needed to deepen your understanding of this book.



The symbol represents "prohibited handling" by anyone other than a service person.



The symbol indicates that grounding is required during installation.

Reference



Indicates chapters to refer to and other manual references.

For safe use

◆ General caution



Caution

In the unlikely event that this device breaks down, take sufficient safety measures to prevent various damages before use.

Please note that we cannot guarantee the function and performance of products that are used or modified outside the specifications shown in the specifications.

Do not disassemble this device unnecessarily. There is a risk of failure or damage.

Do not allow the device to get wet with water. It may lead to damage to this device.

Please use within the environmental conditions of this device. In addition, even within environmental conditions, equipment may be damaged in an environment where condensation forms due to sudden temperature changes. Do not drop the device or hit it with strong force. Also, if the wiring from this device is likely to be subject to excessive impact, consider how to protect the wiring. It may lead to damage to this device and other devices.

Do not operate the device in a place with flammable or explosive gas or vapor. It is very dangerous to use this device in such an environment.

When using this device in combination with other devices, the functions and performance may not be satisfactory depending on the usage conditions and environment, so please consider carefully before using.

◆ For proper use



Caution

When installing this device, turn off the power of the device. Do not short-circuit each wiring or terminal.

When installing this device, be sure to perform protective grounding to prevent electric shock.

Be sure to check that the power supply voltage of the device matches the voltage of the power supply before turning on the device.

Only our customer service or equivalent handlers should install this equipment.

To supply power to this device, connect it via a protection circuit such as a switchboard breaker or an earth leakage breaker.

Since this device is an electronic device, when installing various devices, investigate the installation environment (primary power supply system noise, drive device system noise, electrostatic discharge noise, etc.) and take countermeasures. It may cause system malfunction or damage to various devices.

Revision History

Date	Version	File name	Details
28/May/2025	R1	Handy Pokayoke Manual Document Documentation EN Blueprint for ALPHA_R1	First edition

■ Contents

Chapter	[Page]
1. Revision History	4
2. Overall configuration diagram	
2-1-1. Login screen	6
2-2-1. Settings mode	7
2-2-2. Settings Information	8
2-3-1. Main menu	9
2-4-1. POKAYOKE Matching	10
2-4-2. POKAYOKE Matching	11
2-4-3. POKAYOKE Matching	12
2-5-1. Work History	13
2-6-1. Printer Setting	
3. Web Application	14
3-1-1. Web login	15
3-1-2. User master	16
3-1-3. Line master	17
4. Q&A	18
5. Contact information	19

2. Handheld functions

2-1-1. Login screen

The image shows two states of the 'User Login' screen. The top state shows the initial login form with 'Username' and 'Password' input fields and a 'Login' button. The bottom state shows the screen after a failed login attempt. The 'Username' field contains 'pc1' and the 'Password' field contains '....'. A warning dialog is displayed in the center with a yellow warning icon, the text 'WARNING Invalid username or password', and an 'Ok' button. An on-screen keyboard is visible at the bottom. The text 'Version 1.1.1' is in the bottom right corner.

Login Instructions

1. Scan or Click the Username text box.
2. On-screen keyboard will automatic show up.
3. Enter the staff ID or Scan the QRcode or Barcode.
4. Enter the password.
5. Click "Login"



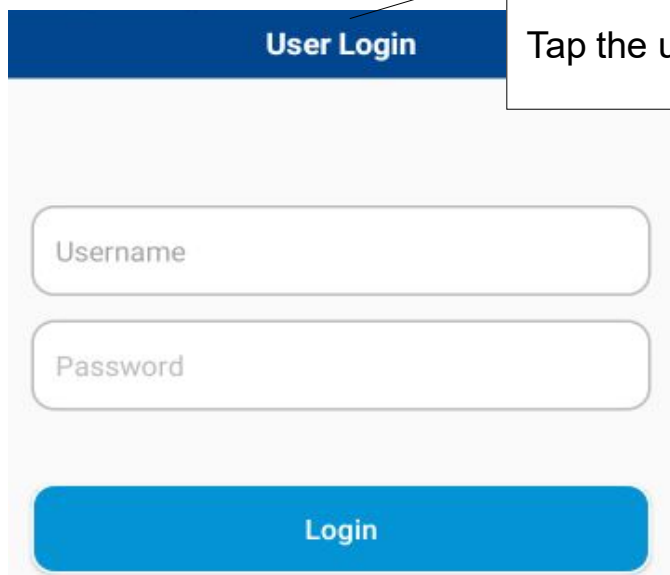
The warning dialog will be shown if login failed.

2.1.2 Example of Staff ID Qrcode or Barcode



2. Handheld functions

2-2-1. Settings mode



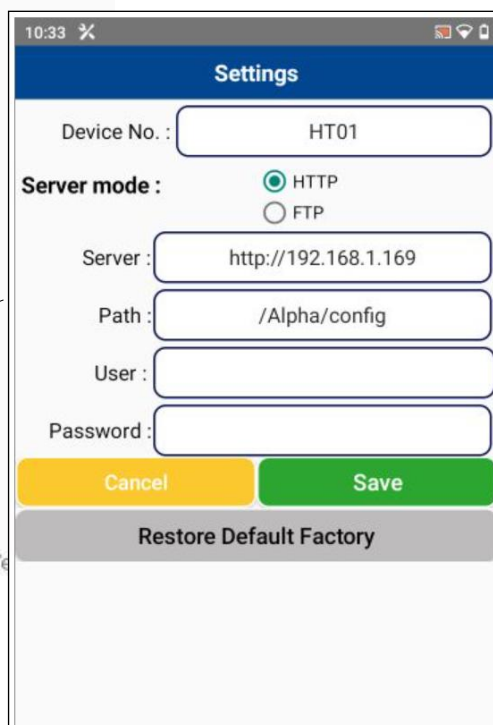
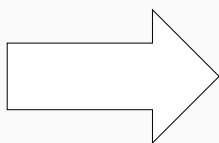
The User Login screen features a dark blue header with the text "User Login" in white. Below the header are two white text input fields: "Username" and "Password". At the bottom is a blue "Login" button.

To enter the "Settings" screen.

Tap the upper title "User Login" 7 times.



In case of upgrading new version or restore default settings. User need to enter the information in settings screen.



The Settings screen has a blue header with the title "Settings". It contains several fields: "Device No.:" with the value "HT01", "Server mode:" with radio buttons for "HTTP" (selected) and "FTP", "Server:" with the value "http://192.168.1.169", "Path:" with the value "/Alpha/config", "User:", and "Password:". At the bottom are three buttons: "Cancel" (yellow), "Save" (green), and "Restore Default Factory" (grey).

Instructions

1. Enter the information to each text box regarding to below table.
2. Click "Save" to apply the settings and restart the app.
3. Click "Cancel" to cancel any changed.
4. Click "Restore Default Factory" to remove all settings.

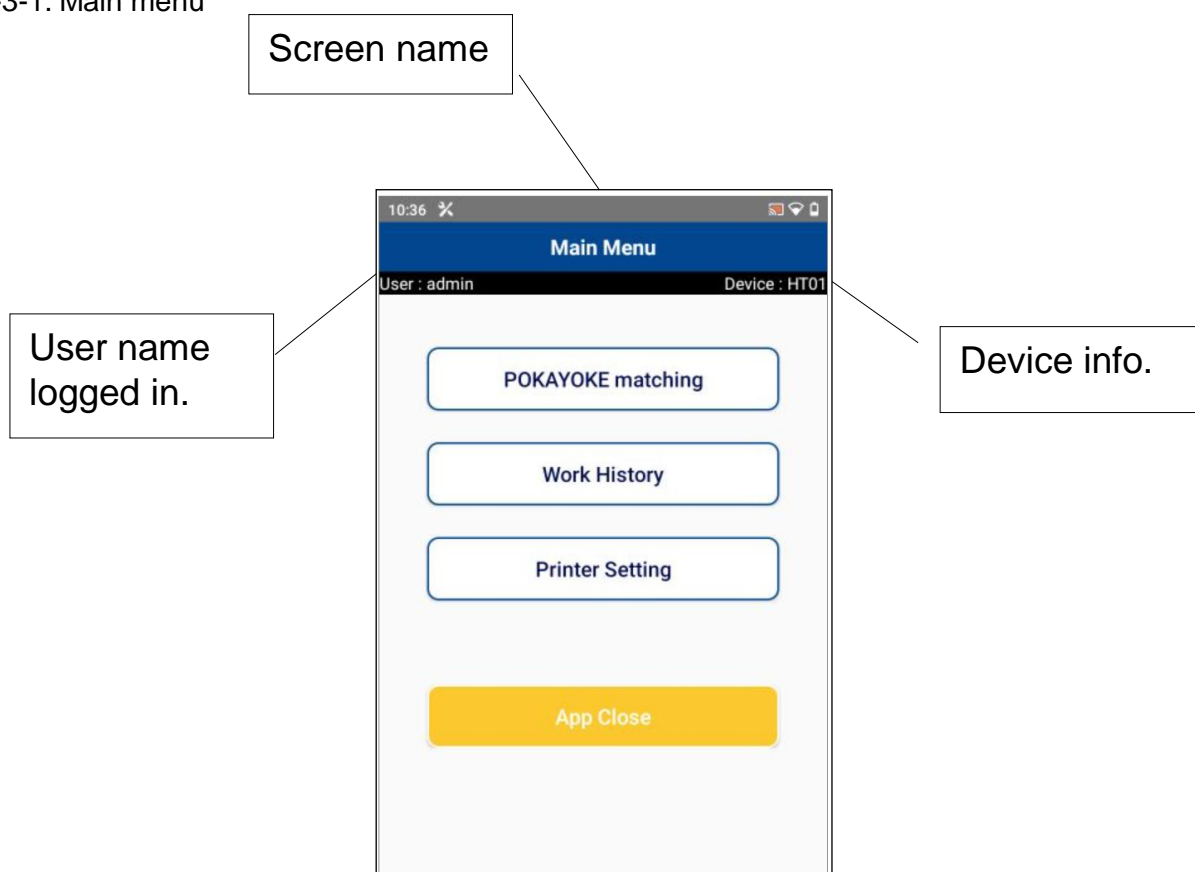
2. Handheld functions

2.2.2 Settings information

No	Item	Description	Example
1.	Device No.	Device name	HT01
2.	Server mode	Communication protocol	HTTP or FTP
3.	Server	URL link to server instance.	http://192.168.1.169
4.	Path	Application web configuration path	/Alpha/config
5	User(optional)	Authenticate user account	
6	Password (optional)	Password for login	

2. Handheld functions

2-3-1. Main menu



No	Menu	Description
1.	POKAYOKE matching	Click to enter POKAYOKE matching section.
2.	Work History	Click to enter Work History.
3.	Printer Setting	Click to enter Printer Setting.
4.	App Close	Click to Exit Application.

2. Handheld functions

2-4-1. POKAYOKE matching

Click “<” to exit to main menu

11:13

< IP1 POKAYOKE matching

User : admin Device : HT01

Date 28-May-2025

Work Instructions

Line NMT Line1 1

Parts No

Serial No 2025052800001

Parts label

Parts No

Result

Assembly work

Result

Main menu [P1] Clear [P2] Ok [P4]

No	Menu	Description
1	Line	Click to change line no

2. Handheld functions

2-4-2. POKAYOKE matching

1

11:54

< [P1] POKAYOKE matching

User : admin Device : HT01

Date28-May-2025

Work Instructions

LineNMT Line1

Parts NoP02121 M120010

Serial No2025052800001

Parts

Please wait for inspection from the Assembly work.

Assembly work

Result

Main menu [P1] Clear [P2] Ok [P4]

2

12:02

< [P1] POKAYOKE matching

User : admin Device : HT01

Date28-May-2025

Work Instructions

LineNMT Line1

Parts NoP02121 M120010

Serial No2025052800001

Parts label

Parts NoP02121 M120010iii

ResultNG

Assembly work

Result

Main menu [P1] Clear [P2] Ok [P4]

No	Value	Description
1	OK (Match)	Part Number and Part Number in process method is match.
2	NG (Not Match)	Part Number and Part Number in process method is not match.

2. Handheld functions

2-4-3. POKAYOKE matching

1

12:16

< | P1

POKAYOKE matching

User : admin Device : HT01

Date28-May-2025

Work Instructions

LineNMT Line1

Parts NoP02121 M120010

Serial No2025052800001-10035

Parts I

Pa

Re

Assembly work

ResultOK

Main menu [P1] Clear [P2] Ok [P4]

Matched

OK[ENT]

2

12:17

< | P1

POKAYOKE matching

User : admin Device : HT01

Date28-May-2025

Work Instructions

LineNMT Line1

Parts NoP02121 M120010

Serial No2025052800001-10035

Parts I

Pa

Re

Assembly work

ResultOK

Main menu [P1] Clear [P2] Ok [P4]

SUCCESS

Click 'No' if nothing printed out?

No Yes

3

ALPHA INDUSTRY (THAILAND) CO., LTD.

Line No. NMT Line1

Part No. P02121 M120010

Serial No. 2025052800001-10035

PIC. admin

Result "OK" 28-May-2025 12:15



No	Value	Description
1	OK (Match)	The data from the handy matches the data from the camera device.
2	Confirm print label	Cliek “YES” confirm to printer tag label
3	Print tag label	Print tag label

2. Handheld functions

2-5-1. Work History

12:27

< | P1

Work History

User : admin

Handy : HT01

Date

22-May-2025

Line

Parts No

Serial No

Result.

☐ OK

☐ NG

Search

Clear

Date : 22-May-2025

Line : NMT Line1

P-No: 0001700017

Serial no: 2025052100001-3

Leader: *****

Date : 22-May-2025

Line : NMT Line1

P-No: 11234564322

Serial no: 2025052100004-14

Leader: *****

Date : 22-May-2025

Line : NMT Line1

P-No: 456445433333

Serial no: 2025052100005-20

Leader: TEST


Date : 22-May-2025

Line : NMT Line2

P-No: 13131313-0009

Serial no: 2025052200001-25

Leader: *****



You can scan the QR code on the tag label to retrieve the history information.

No	Status	Description
1	Waiting for check data	Show white color on screen
2	OK (Match)	Show green color on screen
3	NG (Not Match)	Show red color on screen

2. Handheld functions

2-6-1. Printer Setting


12:35

< | P1 Printer Setting

PrinterName:

SATO_PRINTER 1

Cancel 3 OK 2




You can scan the QR
code printer name

No	Value	Description
1	Printer Name	Show printer name
2	OK	Confirm printer name
3	Cancel	Back to main menu

3. Web functions

3-1-1. Login



Alpha Pokayoke System


Username:

admin

Password:

....

Login




You can log in to the system using the same username and password as your Handy device.

No	Value	Description
1	Username	Specify username
2	Password	Specify password
3	Login	Click login into system

3. Web functions

3-1-2. User master



User Master











Line Master

admin

Logout

New

1


	User Code	Password	Name	Line No.	Leader Status	Active Status		
1	admin	....	admin	NMT Line1	Yes	Active		Save
2	staff	....	staff	NMT Line1	Yes	Active		Save
3	user01	....	user01	NMT Line1	None	Active		Save
4	user02	....	user02	NMT Line2	None	Active		Save
5	user03	....	user03	NMT Line3	None	Active		Save
6	user04	....	user04	NMT Line1	None	Active		Save
7	user05	....	user05	NMT Line2	None	Active		Save
8	user06	....	user06	NMT Line3	None	Active		Save
9	user07	....	user07	NMT Line2	Yes	Active		Save
10	user08	....	user08	NMT Line3	None	Active		Save

3

No	Value	Description
1	New	New record
2	Add/Edit	Specify information user (Add/Update)
3	Save	Save/Update data to database

3. Web functions

3-1-3. Line master



User Master

Line Master

admin

Logout

New

1

ID	Line No	Line Name		
1	NMT Line1	NMT Line1	<div></div>	Save
2	NMT Line2	NMT Line2	<div></div>	Save
3	NMT Line3	NMT Line3	<div></div>	Save
4	NMT Line4	NMT Line4	<div></div>	Save
5	NMT Line5	NMT Line5	<div></div>	Save
6	NMT Line6	NMT Line6	<div></div>	Save
7	NMT Line7	NMT Line7	<div></div>	Save
8	NMT Line8	NMT Line8	<div></div>	Save

2

3

No	Value	Description
1	New	New record
2	Add/Edit	Specify information line (Add/Update)
3	Save	Save/Update data to database

4. Q&A

#	Date	Question	By	Date	Answer	By
1						
2						
3						
4						
5						

5. Contact information



The contents of this specification and manual are subject to change without notice. Copying or copying part or all of the manual without the written permission of TOMAS TECH is prohibited, regardless of its form.



If you have any questions, concerns, or questions regarding the specifications of this system and the contents of the manual, please contact us by phone or e-mail.
Tel: +66 (0) 2 336 0574 E-mail: info@tomastc.com

Item	Description
1. Service time	8 hours x 5 days (8:00 -17:00 Monday to Friday)
2. Onsite Hardware Maintenance	-
3. Onsite System Maintenance	-
4. Response after receive a call	On-line support within 24 hours / On-site support within 48 hours
5. Remote service	Yes
6. Phone service	Yes
7. Email service	Yes