Handy Pokayoke System
Manual Document
Documentation EN Blueprint for ALPHA

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

TOMAS TECH

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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.	ℹ	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**

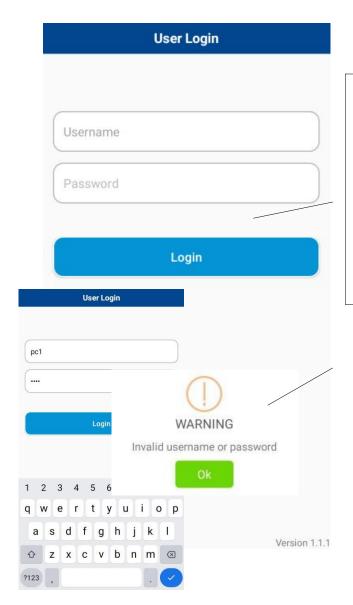| ⚠️ **Caution**	When installing this device, turn off the power of the device. Do not short-circuit each wiring or terminal. When installing this device, be sure to perform protective grounding to prevent electric shock. Be sure to check that the power supply voltage of the device matches the voltage 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

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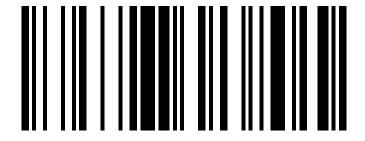
2-1-1. Login screen

User Login

Username

Password

Login

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.
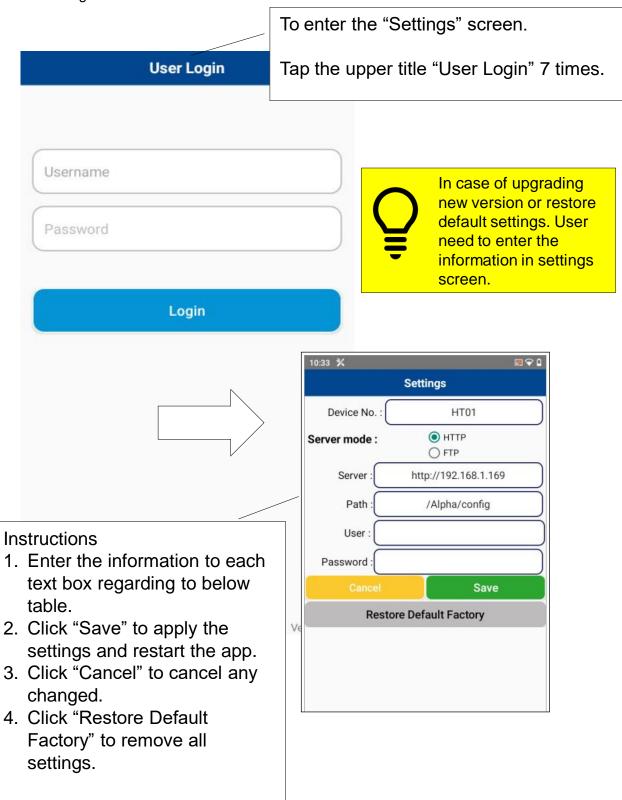4. Enter the password.
5. Click "Login"

User Login

pc1

....

Login

⚠️ WARNING

Invalid username or password

Ok

| 1 | 2 | 3 | 4 | 5 | 6 |

q w e r t y u i o p

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⇧ z x c v b n m ⌫

?123 ,

Version 1.1.1

⚠️ 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

To enter the "Settings" screen.

Tap the upper title "User Login" 7 times.

User Login

Username

Password

Login

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

10:33 ✕

Settings

Device No. : HT01

Server mode : ● HTTP
○ FTP

Server : http://192.168.1.169

Path : /Alpha/config

User :

Password :

Cancel   Save

Restore Default Factory

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

Screen name

User name
logged in.

Device info.

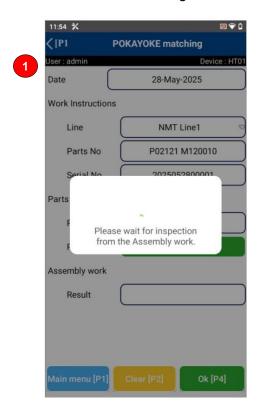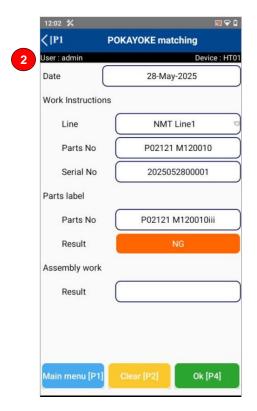| No	Menu	Description
1.	POKAYOKE matching	Click to enter POKAYOKE matching section.
2.	Work History	Click to enter Work History.
3.	Printer Setting	Click to enter Printer Setting.
4.	App Close	Click to Exit Appliction.

2. Handheld functions

2-4-1. POKAYOKE matching

Click "<" to exit to main menu

No	Menu	Description
1	Line	Click to change line no

2. Handheld functions

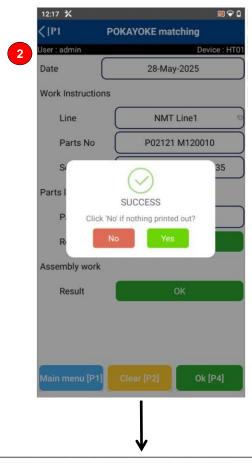2-4-2. POKAYOKE matching

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

ALPHA INDUSTRY (THAILAND) CO.,LTD.

Line No.   NMT Line1
Part No.   P02121 M120010
Serial No. 2025052800001-10035
PIC.   admin
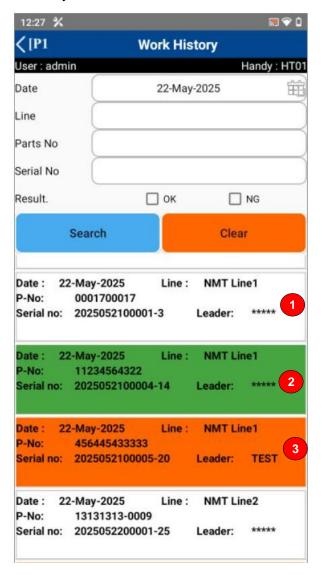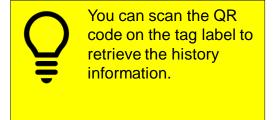Result   "OK" 28-May-2025 12:15

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

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

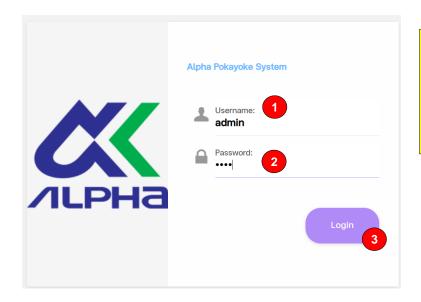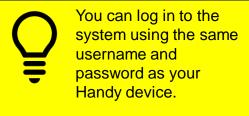| No	Status	Description
1	Waiting for check data	Show white color on screen
2	OK (Match)	Show green color on screen
3	NG (Not Match)	Show red color on screen

2. Handheld functions

2-6-1. Printer Setting

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

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

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

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.

ℹ️ 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