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Handy Terminal Stock management Manual Document Documentation EN Blueprint for NKI

R1 Made for: PT NIPPON KONPO INDONESIA 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

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

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.



Caution

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
		Handy Terminal Stock management Manual Document Documentation EN Blueprint for NKI_R1	First edition

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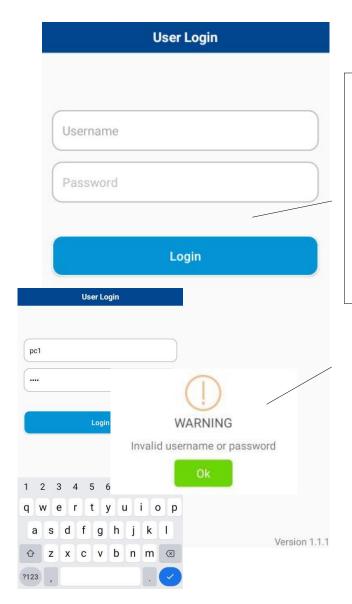
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1. Overview

We propose a stock management system to PT NIPPON KONPO INDONESIA. In the current operation, we aim to improve work efficiency and work accuracy by replacing the work managed by paper and whiteboard with a system. The expected effects of introducing an inventory management system are as follows.

- 1. Work efficiency and work accuracy can be improved by supporting work at the handy terminal at the time of warehousing and warehousing. In addition, the inventory status can be grasped in real time.
- 2. By managing the product location, the location can be used effectively. In addition, it is possible to thoroughly implement the FIFO.
- 3. By managing the ordering points, it is possible to eliminate excess inventory and out of stock.
- 4. By managing the materials and goods tracking, it is able to trace back to find material lot numbers, suppliers, and processes when found problematic products.

2-1-1. Login screen



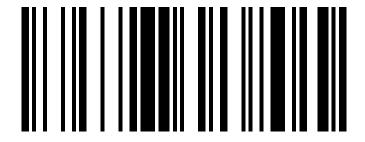
Login Instructions

- 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



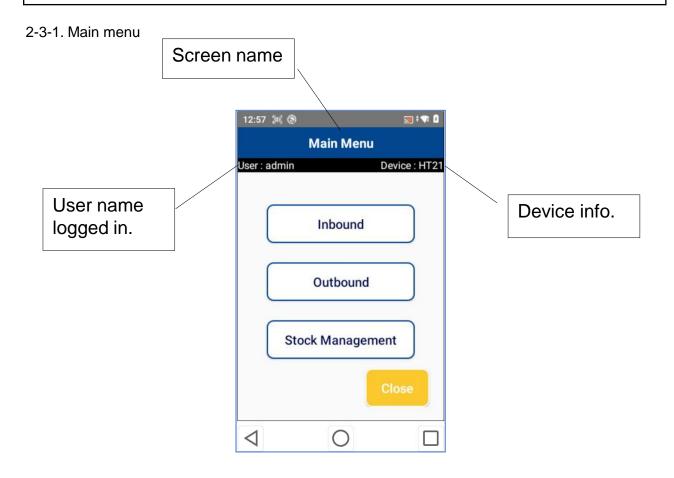


2-2-1. Settings mode

To enter the "Settings" screen. Tap the upper title "User Login" 7 times. **User Login** Username In case of upgrading new version or restore default settings. User Password need to enter the information in settings screen. Login 12:41 [11] ③ **Settings** Device No.: HT21 HTTP Server mode: O FTP https://aws-isw01.upstax Server Instructions com 1. Enter the information to each text box Path: /nki/pegasus/config regarding to below table. 2. Click "Save" to apply the settings and User: restart the app. 3. Click "Cancel" to cancel any changed. Password: 4. Click "Restore Default Factory" to Save remove all settings. Restore Default Factory

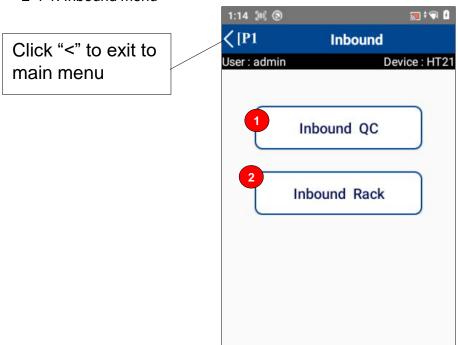
2.2.2 Settings information

No	Item	Description	Example
1.	Device No.	Device name	HT01
2.	Server mode	Communication protocol	HTTP or FTP (HTTP default)
3.	Server	URL link to server instance.	https://aws-isw01.upstax.com
4.	Path	Application web configuration path	/nki/pegasus/config
5	User(optional)	Authenticate user account	
6	Password (optional)	Password for login	



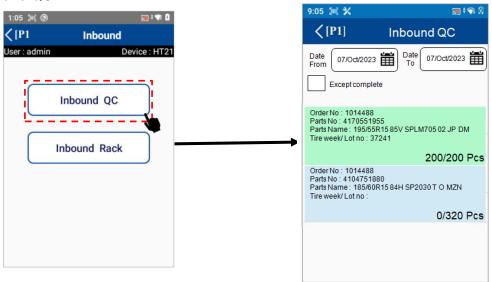
No	Menu	Description
1.	Inbound	Click to enter Inbound section.
2	Outbound	Click to enter Outbound section.
3	Stock Management	Click to Stock management functions.
6.	Close	Close the application.

2-4-1. Inbound menu

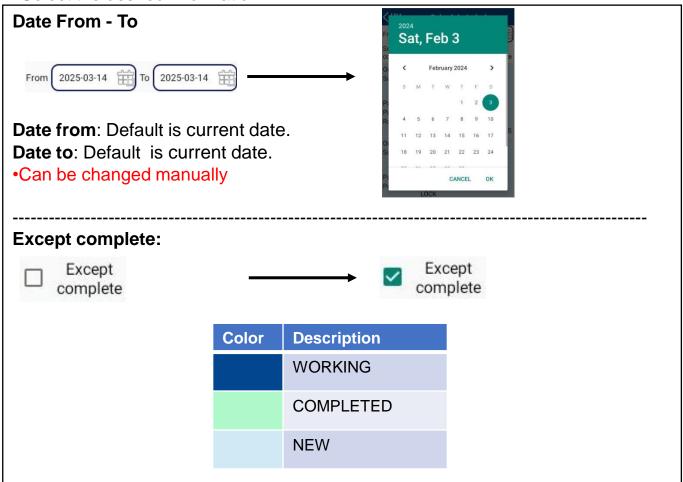


No	Menu	Description
1	Inbound QC	Click to enter Inbound QC
2	Inbound Rack	Click to enter Inbound Rack

2-4-2. Inbound QC



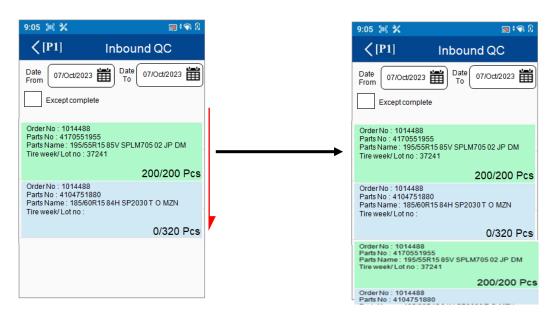
1. Select the desired information



If checked, the completed status Item list will not be displayed from the Item list. Default is unchecked.

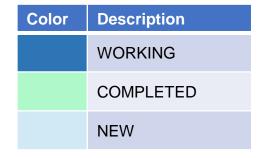
2-4-2. Inbound QC

2. Please pull down the screen to refresh the information.



3. Click an item





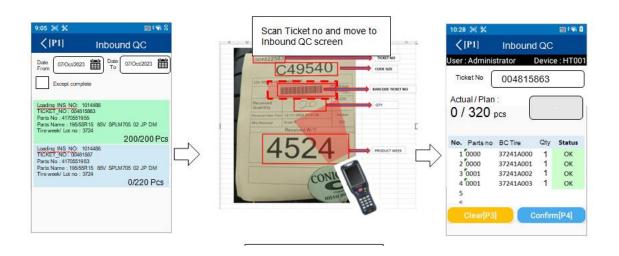
Color status identify

2-4-3. Inbound QC [Inbound QC Detail Screen]

1. Click an item from schedule list.

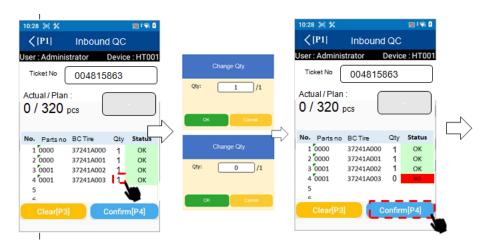


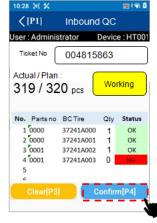
2. Scan Ticket No



2-4-3. Inbound QC [Inbound QC Detail Screen]

- 3. When adjusting quantities.
 - Click "Qty" when the change Inbound QC Qty.
 - Specify the changed quantity.
 - Click "OK" Confirm change Inbound QC Qty.







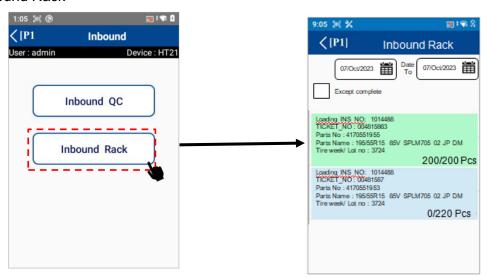
4. If you click to select a completed item



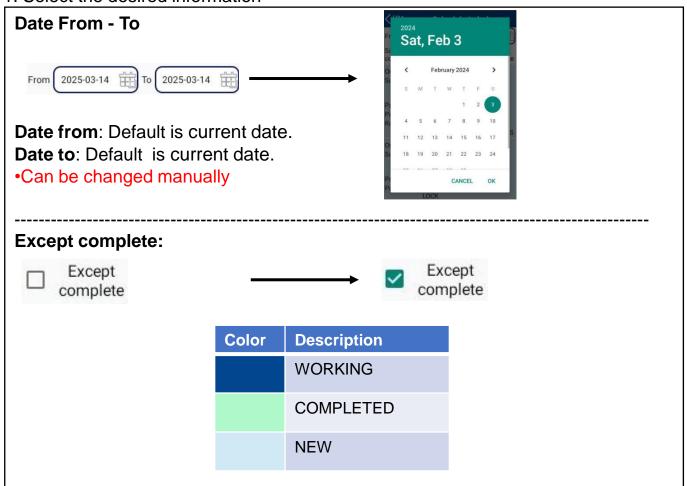




2-4-4 Inbound Rack



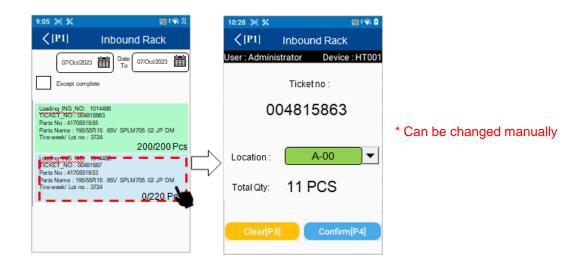
1. Select the desired information



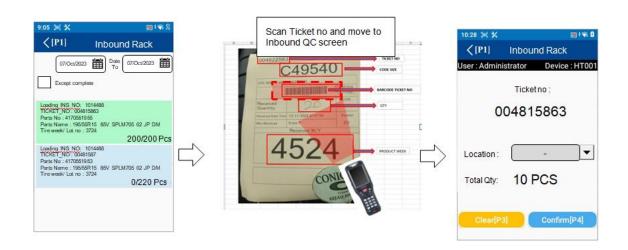
If checked, the completed status Item list will not be displayed from the Item list. Default is unchecked.

2-4-5. Inbound Rack [Inbound Rack Detail Screen]

1. Click an item from schedule list.

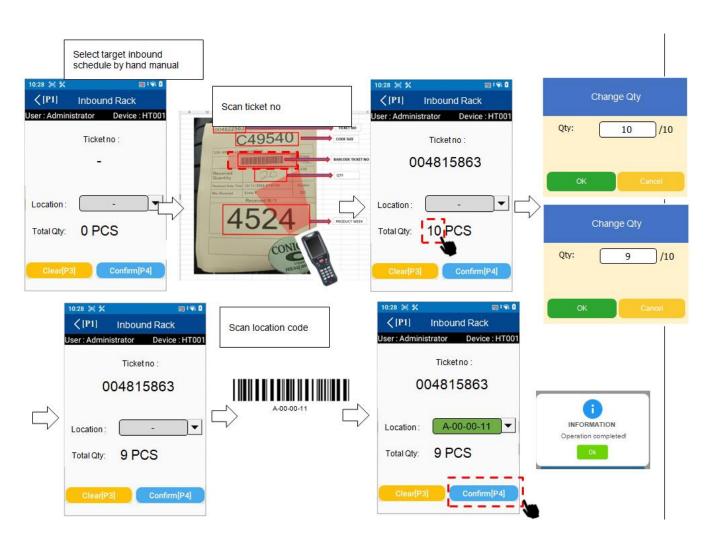


2. Scan Ticket No



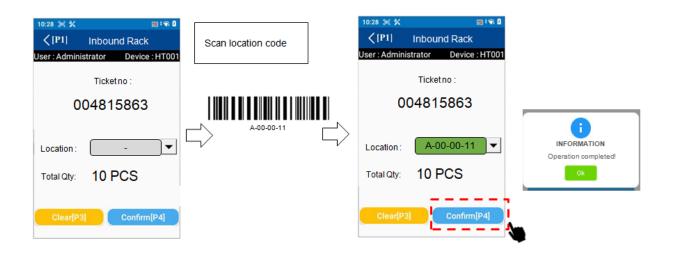
2-4-6. Inbound Rack [Inbound Rack Detail Screen]

- 3. When adjusting quantities.
 - Click "Qty" when the change Inbound Rack Qty.
 - Specify the changed quantity.
 - Scan barcode location no. Or Manual select location no.
 - Click "OK" Confirm change Inbound Rack Qty.



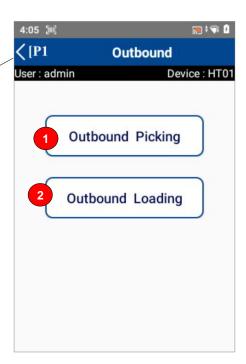
2-4-6. Inbound Rack [Inbound Rack Detail Screen]

- 4. If you click to select a completed item
 - Scan barcode location no. Or Manual select location no.
 - Click "Confirm" Confirm location inbound



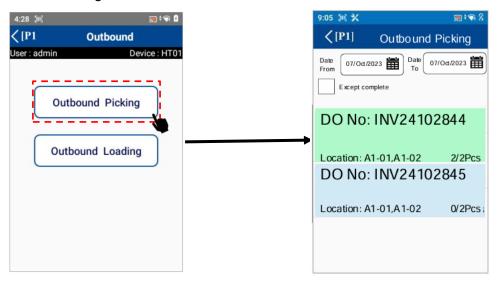
2-4-7. Outbound menu

Click "<" to exit to main menu

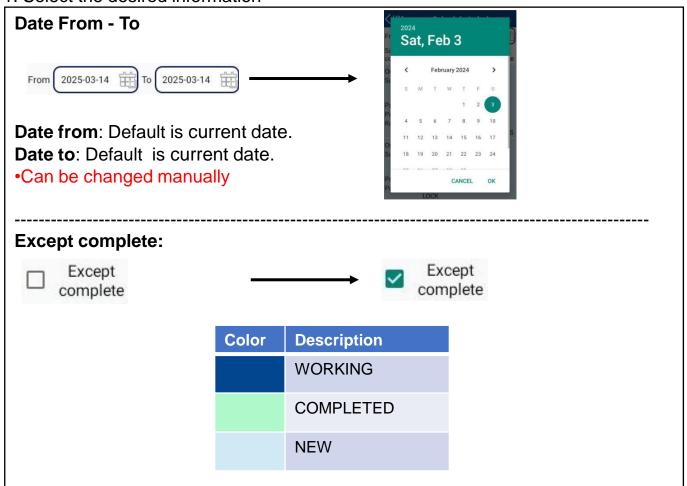


No	Menu	Description
1	Outbound Picking	Click to enter Outbound Picking
2	Outbound Loading	Click to enter Outbound Loading

2-4-8. Outbound Picking



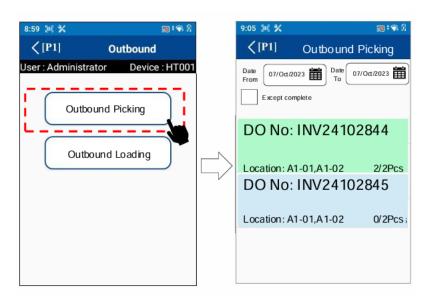
1. Select the desired information



If checked, the completed status Item list will not be displayed from the Item list. Default is unchecked.

2-4-9. Outbound Picking [Outbound Picking Detail Screen]

1. Click an item from schedule list.

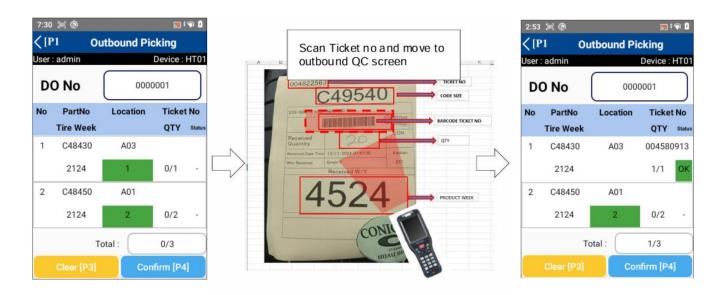


2. Scan DO Number (Picking List)

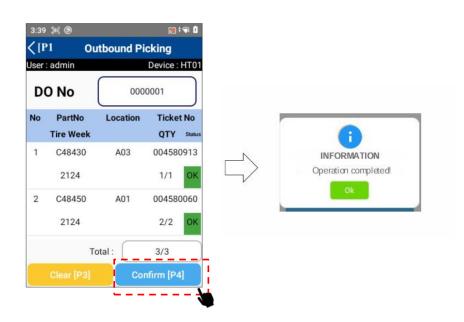


No	Topic	Description
1	Stock Qty "OK"	The green bar indicates the stock quantity that is sufficient for the order.
2	Stock Qty "NG"	The red bar indicates the stock quantity that is lower than the order quantity.

- 2-4-10. Outbound Picking [Outbound Picking Detail Screen]
- 3. When Outbound Rack Quantities.
 - Scan the ticket number following the FIFO system guidelines.

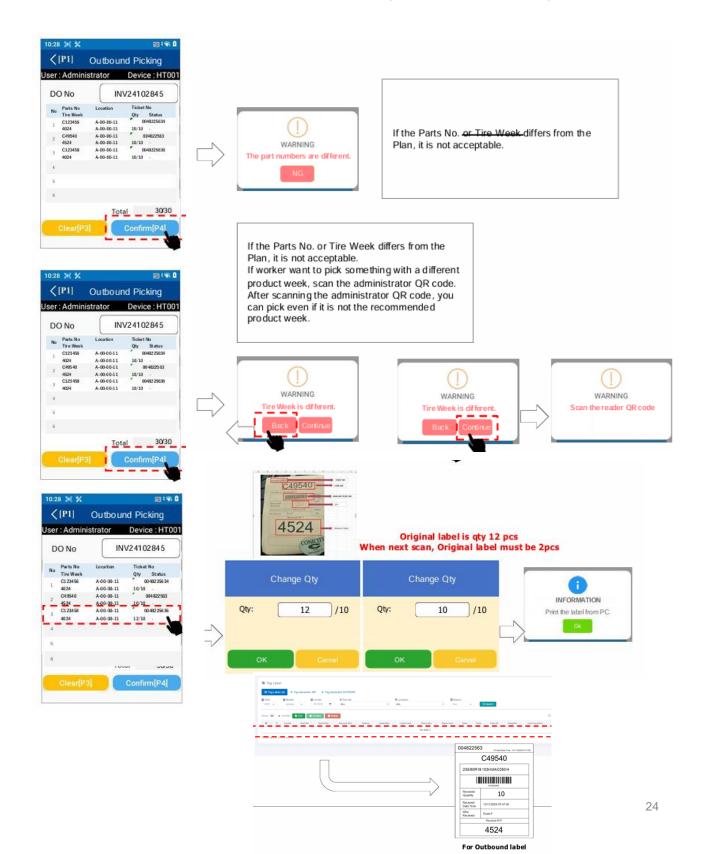


Click "Confirm" Save outbound and update stock



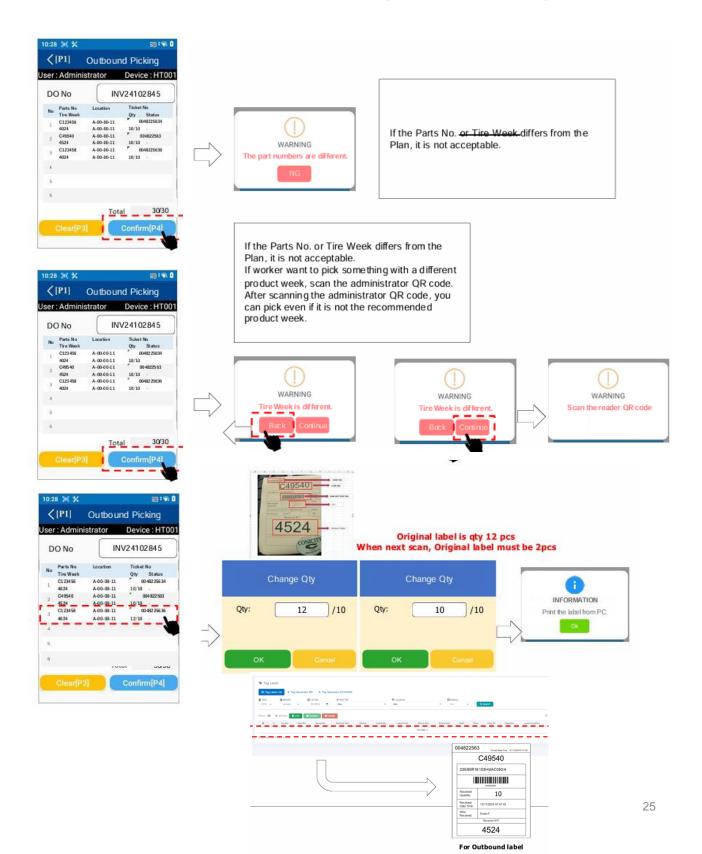
2-4-11. Outbound Picking [Outbound Picking Detail Screen]

- 4. When Outbound Rack Quantities.
 - Scan the ticket number following the FIFO system guidelines.

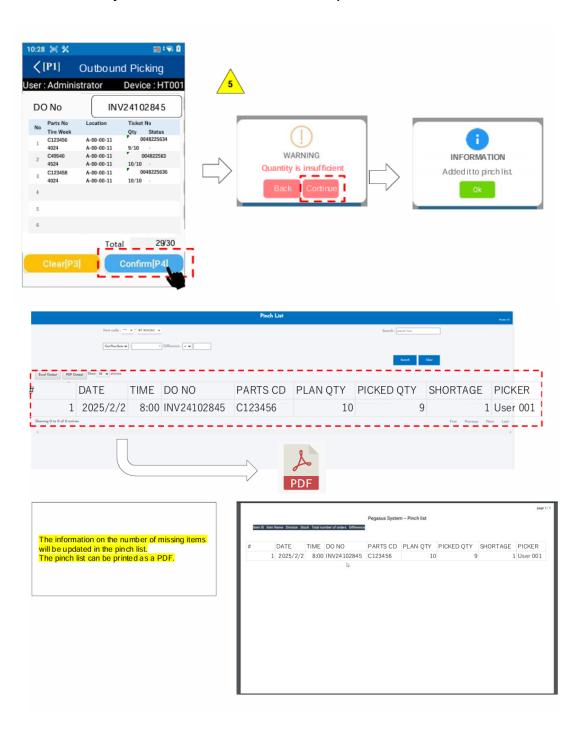


2-4-11. Outbound Picking [Outbound Picking Detail Screen]

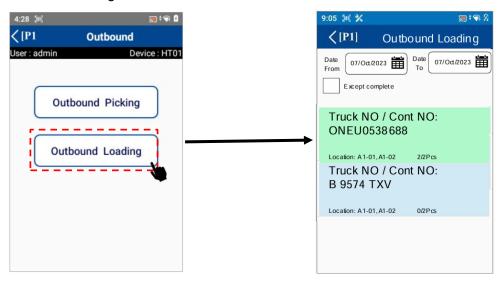
- 5. When Outbound Rack Quantities.
 - Scan the ticket number following the FIFO system guidelines.



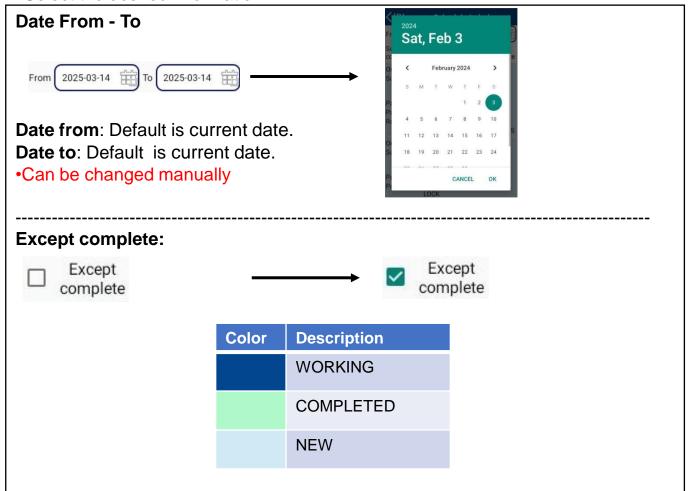
- 2-4-12. Outbound Picking [Outbound Picking Detail Screen]
- 6. When Outbound Rack Quantities.
 - Quantity is insufficient, Added it to pinch list.



2-4-13. Outbound Loading



1. Select the desired information



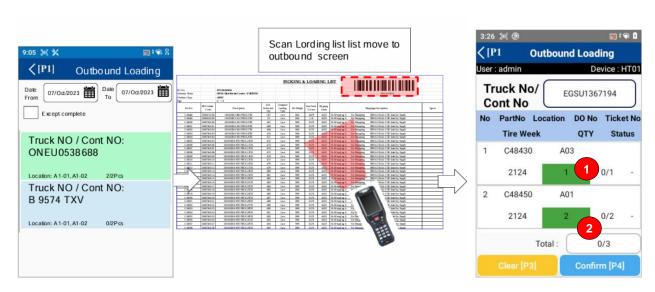
If checked, the completed status Item list will not be displayed from the Item list. Default is unchecked.

2-4-14. Outbound Loading [Outbound Loading Detail Screen]

1. Click an item from schedule list.

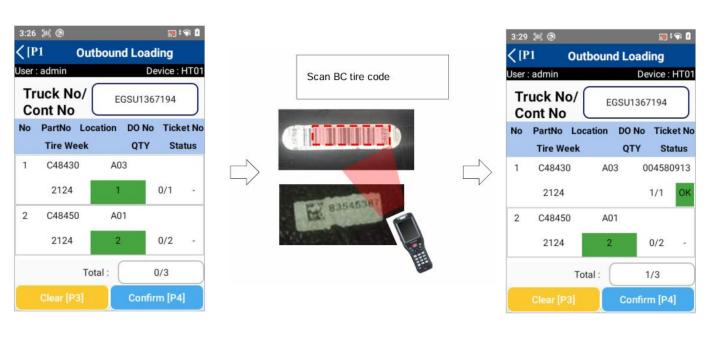


2. Scan Truck Number or Cont. Number Loading List)

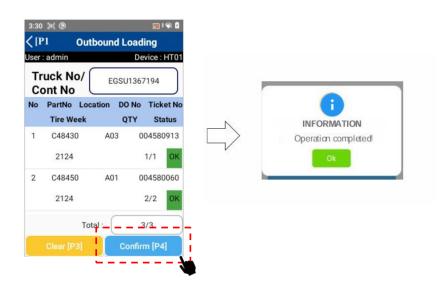


No	Торіс	Description
1	Stock Qty "OK"	The green bar indicates the stock quantity that is sufficient for the order.
2	Stock Qty "NG"	The red bar indicates the stock quantity that is lower than the order quantity.

- 2-4-15. Outbound Loading [Outbound Loading Detail Screen]
- 3. When Outbound Load Quantities.
 - Scan the BC Tire number

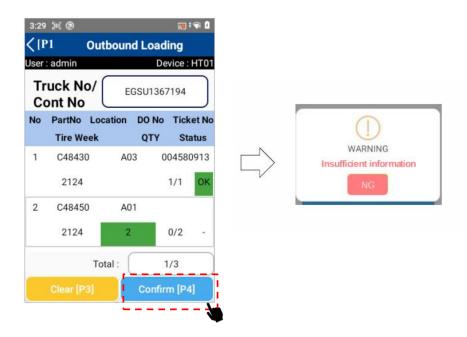


 Click "Confirm" Save outbound and update Status Loading Complete

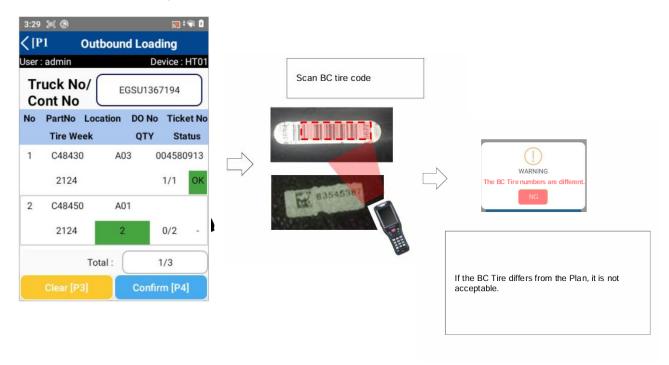


2-4-15. Outbound Loading [Outbound Loading Detail Screen]

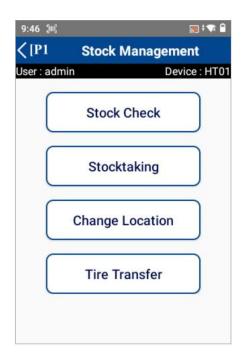
 Click "Confirm" If the number of scan loadings is less than the number of orders, a notification message will be displayed.



 If the scanned BC tire does not match the plan, a notification message will be displayed.

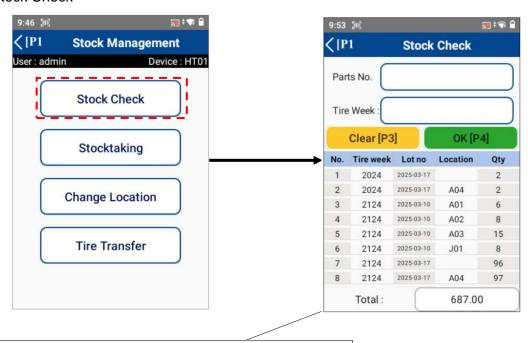


2-5-1. Stock management



No	Menu	Description
1.	Stock Check	Click to enter Stock Check screen.
2.	Stocktaking	Click to enter Stocktaking screen.
3.	Change Location	Click to enter Change Location screen. User able to changes or repack the package.
4.	Tire Transfer	Click to enter Tire Transfer screen.

2-5-2. Stock Check



Instructions

- 1. Scan Parts Number
- 2. Stock information will be shown on screen table.

2-5-3. Stocktaking



This is the screen that transitions after select Stocktaking from Stock management menu.

Parts No: No initial value information, List selection from Item

master* Can be changed manually or scan label

Lot No: No initial value information.* Can be changed manually or scan label

Location: No initial value information.* Can be changed manually or scan label

Qty: System quantity, No initial value information *The quantity in the system will be displayed.

Act aty: Actual quantity, No initial value information

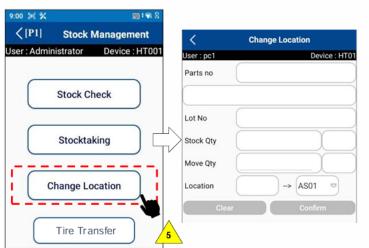
Clear[P3]: Clear input contents

Confirm[P4]: Confirmation processing.

< (P1): Back to Main menu



2-5-4. Chang Location



This is the screen that transitions after select Change Location from Stock management menu.

Parts No: No initial value information, List selection from Item

master* Can be changed manually or scan label Lot No: No initial value information.* Can be changed

manually or scan label

Qty: No initial value information Can be changed manually or scan label

Old Location: No initial value information.* Can be changed scan label

New Location: No initial value information. * Can be changed manually or scan label

Clear[P3]: Clear input contents

Confirm[P4]: Confirmation processing.

< (P1): Back to Main menu



No	Menu	Description
1	Change location	Scan the tag label twice → Scan or Select dropdown list the destinate location
2	Confirm	Save data to new location
3	Clear	Clear screen

2-5-5. Tire Transfer



This is the screen that transitions after select Tire transfer from Stock management menu.

Transfer Ticket No.: Scan transfer ticket number.

Parts No: * Scan the BC Tire code BC Tire: * Scan the BC Tire code Qty: * Scan the BC Tire code

Status: After pressing the Confirm button, "OK" or "NG" is

displayed.

Clear[P3]: Clear input contents

Confirm[P4]: Confirmation processing.

< (P1): Back to Main menu



No	Process	Description
1	Scan Ticket No	Scan ticket number to add new Bc Tire
2	Scan Bc Tire	Scan Bc Tire number to transfer new ticket number
3	Confirm	Save data and update stock
4	Clear	Clear screen

3. Q&A

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

4. 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