

Registration Device User Manual



CEYON TELLINVENTORY CO.,LTD.

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I. Installation

- 1. Registration Device Hardware Specifications**
- 2. User Program System Requirement**
- 3. User Program Software Installation**

I. Registration Device

A. When using original barcodes

- 1. Registration Device Practice**
- 2. Main Display**
- 3. Register**
- 4. Remaining Amount Measurement**
- 5. Tag Reuse**

B. When managing its own P/N codes

- 1. Registration Device Practice**
- 2. Main Display**
- 3. Mapping**
- 4. Register**
- 5. Remaining Amount Measurement**
- 6. Tag Re-using**

I. Installation

1. Registration Device Hardware Specifications

Hardware	Spec
POWER	DC12V / 10A
COMM	TCP/IP

2. User Program System Requirement

System	Requirement
OS	WindowsCE 6.0

※ Registration device and user program will be updated automatically.

I. Registration Device (A)

1. Registration Device Practice

When registration device program is on, following display appears. After network check, when you click on the following display, it proceeds to registration device's main display.



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Reel Register

Checking the status of the network.
Please wait a moment.



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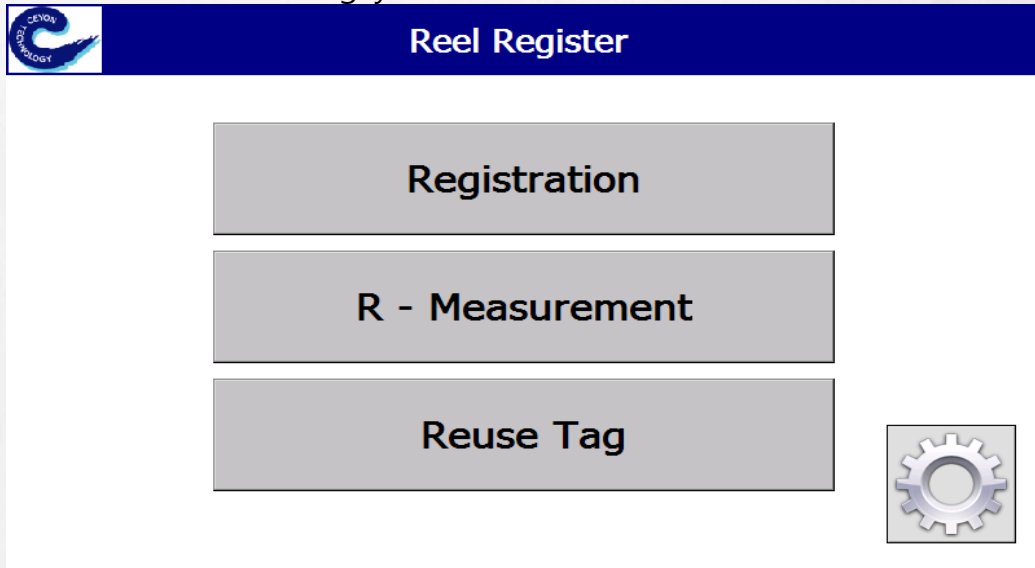
Reel Register

To start the program, touch the screen.

I. Registration Device (A)

2. Main Display

This is a main display when using the original barcodes. When you touch the Manu box you wish to proceed, it moves to the next screen accordingly.



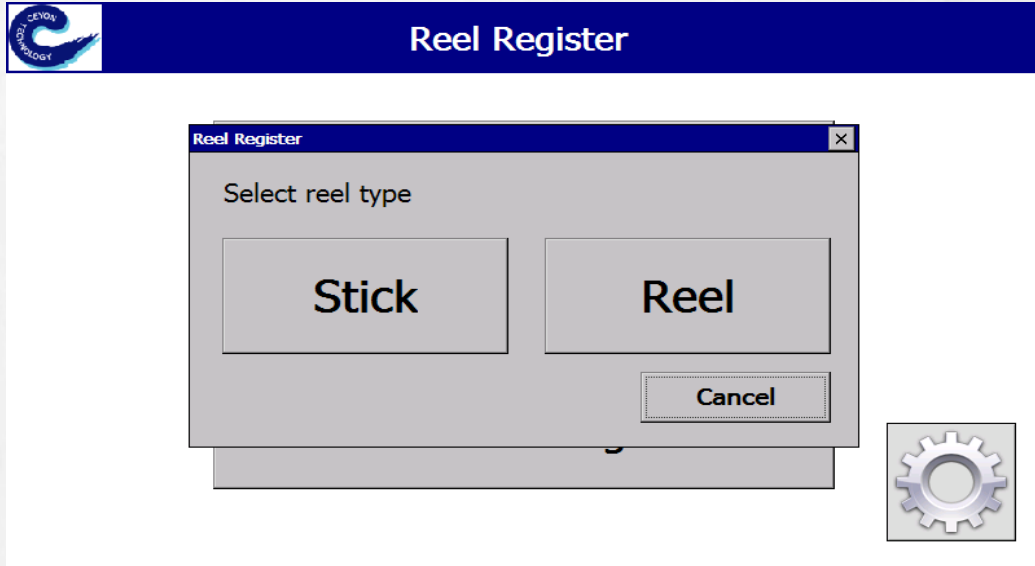
※ **Configuration precautions - After minimum set up is completed, you may use without further change.**

- Registration : when registering information of stick or reel
- R-Measurement : when measuring reel's remaining amount
- Reuse Tag : when initializing published tags
- Configuration : communication setting of registration device program

I. Registration Device (A)

3. Register

Click on the reel type of your choice and its material registration screen will appear.



- Stick : when material is in stick shape
- Reel : when material is in reel shape
- Cancel : go to main display

I. Registration Device (A)

3.1 Stick Information Registration

▪ How to register stick information

- 1) Plug in an initialized tag into a stick, and put in a registration device.
- 2) After identifying the barcode, its information will be displayed.
 - a. When registering a new barcode
→ After clicking on "Confirm", P/N Info display will be vitalized. Put in MOQ and select product it em, and when you click on "Complete", registration is completed.
 - b. When a barcode is already registered
→ It will show as "Registered" on status, and remaining amount entering window will appear. After entering remaining amount, click on "OK" button and the registration is completed.
- 3) When "Remove" message appears, remove the stick and you may measure by inserting the other stick.
- 4) You may go back to the main display by clicking on home button.

I. Registration Device (A)

- Stick information registration (example display of a new barcode registration)

The screen displays a 'Registration(Stick)' interface. On the left, a table with columns 'No', 'BCR', and 'Status' contains one entry: '1', 'U2270B'. A red circle with the number '1' is next to this entry. Below the table, the text 'barcode identification' is displayed. At the bottom, there are input fields for 'BCR' (containing 'U2270B') and 'P/N' (containing 'U2270B'). Below these are buttons for 'New', 'Edit', 'Delete', and a green 'Confirm' button highlighted with a red circle and the number '2'. To the right of the table, there is a 'P/N Info' section with input fields for 'MOQ' (100000), 'Out' (80), and 'In' (30). There is also a 'Product' dropdown menu and a 'PO No' field with a 'Select' button. Below the 'P/N Info' section are two large buttons: a blue 'Complete' button and a grey 'Clear' button. At the bottom of the screen, a yellow banner contains the text: 'Choose the barcode think that Part No.'

The screen displays the 'Registration(Stick)' interface. The 'Barcode' table on the left is the same as in the previous screen. The 'P/N Info' section on the right is highlighted with a red box and a red circle with the number '3'. It contains input fields for 'MOQ' (593), 'Out' (30), and 'In' (30). There is also a 'Product' dropdown menu and a 'PO No' field with a 'Select' button. Below the 'P/N Info' section are two large buttons: a blue 'Complete' button highlighted with a red box and a red circle with the number '4', and a grey 'Clear' button. At the bottom of the screen, a yellow banner contains the text: 'Please input reel information. If you finish input, press the reset button or press the 'complete' button on the screen'. A blue arrow points from the 'Complete' button to a small inset image of a numeric keypad.

The inset image shows a numeric keypad with a red bar at the top containing the number '593'. The keypad has buttons for digits 1-9, 0, and 'Enter', as well as 'Clear' and 'Cancel' buttons. The text 'P/N Info input example' is written below the keypad.

P/N Info input example

I. Registration Device (A)

3.1.1 Stick Information Registration Exceptions

I. When barcode is damaged and incapable of auto registration

When barcode is not attached

Register by manually entering the barcode information. On registration display, touch on "NEW" for manual input and you may also modify or delete the barcode information. (Re-attaching barcode is highly recommended.)

The screenshot shows the 'Registration(Stick)' interface. At the top, there's a header bar with the 'CEYON TECHNOLOGY' logo on the left and a home icon on the right. Below the header, there are two main sections: 'Barcode' and 'P/N Info'. The 'Barcode' section has a table with columns 'No', 'BCR', and 'Status'. The 'P/N Info' section has fields for 'MOQ' (set to 100000) and 'In' (set to 30). A 'Reel Register' dialog box is overlaid on the screen, prompting the user to 'Input new barcode' with the text 'RM06FT1780' entered. The dialog has 'OK' and 'Cancel' buttons. Below the dialog, there are buttons for 'New', 'Edit', 'Delete', 'Confirm', 'Complete', and 'Clear'. A yellow banner at the bottom of the screen reads: 'Please read the barcode on the reel.'

II. When not all of P/N Info is entered

When manually entering P/N Info, please do not miss any information.

The screenshot shows the 'Registration(Stick)' interface. The 'Barcode' section table now contains one row with 'No' 1 and 'BCR' U2270B. The 'P/N Info' section has 'MOQ' set to 593. A 'Reel Register' dialog box is overlaid, displaying the message 'You have to input product code.' with an 'OK' button. The 'New' button is highlighted. A yellow banner at the bottom of the screen reads: 'Please input reel information. If you finish input, press the reset button or press the 'complete' button on the screen'.

I. Registration Device (A)

3.1.1 Stick Information Registration Exceptions

III. When tag reading is failed

This is a display when it fails to read the tag.

- Remove stick from the registration device and plug back in.
- When the error continues after procedure I, attach a new tag and try again.

The screenshot shows the 'Registration(Stick)' application window. It has a blue header bar with the 'CEYON' logo on the left and a home icon on the right. Below the header, there are two main sections: 'Barcode' and 'P/N Info'. The 'Barcode' section contains a table with columns 'No' and 'BCR'. The first row shows '1' and 'U2270B'. Below the table, there are buttons for 'New', 'Edit', 'Delete', 'Confirm', and 'Complete'. The 'P/N Info' section contains a 'MOQ' field with the value '593', an 'In' field with the value '30', and a 'Select' button. A red-bordered dialog box titled 'Reel Register' is overlaid on the interface. The dialog contains the text: 'Unable to write tag information, Put the reel to the registration device. Do you want to retry?'. At the bottom of the dialog are two buttons: 'Yes' and 'No'. Below the dialog, there is a yellow banner with the text: 'The registration of the Part No.'

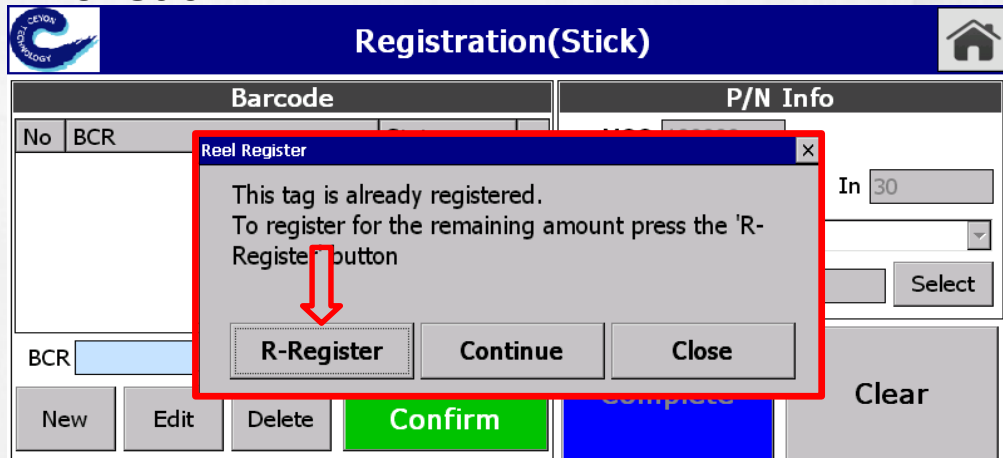
IV. When a stick with a registered tag is inserted

When you insert a stick with a tag that is already registered, you can modify its residual quantity. Please refer to the next page. (Refer to Manual 3.1.2)

The screenshot shows the 'Registration(Stick)' application window. It has a blue header bar with the 'CEYON' logo on the left and a home icon on the right. Below the header, there are two main sections: 'Barcode' and 'P/N Info'. The 'Barcode' section contains a table with columns 'No' and 'BCR'. The first row shows '1' and 'U2270B'. Below the table, there are buttons for 'New', 'Edit', 'Delete', 'Confirm', and 'Complete'. The 'P/N Info' section contains a 'MOQ' field with the value '593', an 'In' field with the value '30', and a 'Select' button. A red-bordered dialog box titled 'Reel Register' is overlaid on the interface. The dialog contains the text: 'This tag is already registered. To register for the remaining amount press the 'R-Register' button'. At the bottom of the dialog are three buttons: 'R-Register', 'Continue', and 'Close'. Below the dialog, there is a yellow banner with the text: 'Please read the barcode on the reel.'

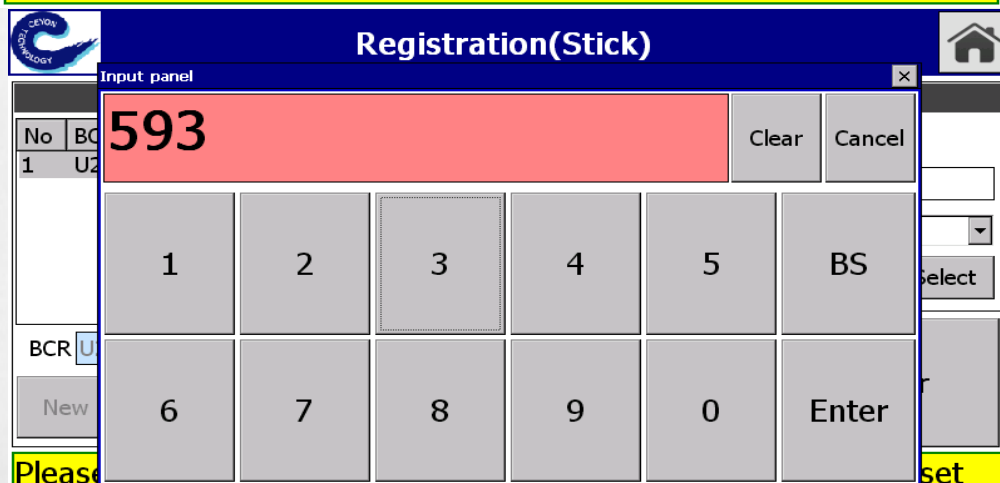
I. Registration Device (A)

3.1.2 Remaining Amount Modification of Stick



The screenshot shows the 'Registration(Stick)' application window. A pop-up dialog titled 'Reel Register' is displayed in the center. The dialog contains the text: 'This tag is already registered. To register for the remaining amount press the 'R-Register' button'. A red arrow points from this text to the 'R-Register' button. The dialog also has 'Continue' and 'Close' buttons. In the background, the main interface shows a 'Barcode' section with a table containing 'No' and 'BCR' columns, and a 'P/N Info' section with an 'In' field set to '30'. At the bottom, there are buttons for 'New', 'Edit', 'Delete', 'Confirm', 'Complete', and 'Clear'.

Please read the barcode on the reel.



The screenshot shows the 'Registration(Stick)' application window with the 'Input panel' open. The panel displays the number '593' in a large red box. Below the number is a numeric keypad with buttons for digits 1 through 9, 0, and 'BS' (Backspace). At the bottom of the panel are 'Clear' and 'Cancel' buttons. The background interface is partially visible, showing the 'Barcode' section and the 'P/N Info' section.

Please set button or press the 'complete' button on the screen

- **How to modify remaining amount of a stick**
 - 1) Insert a stick with a registered tag into a registration device.
 - 2) When a pop-up message saying " This tag is already registered" appears, click on "R-Register" button.
 - 3) After entering the remaining amount, click on "Enter" and "Ok" in order and it will be updated.

I. Registration Device (A)

3.2 Reel Information Registration

The screenshot shows a software interface titled "Registration(Reel)". It features a blue header bar with a logo on the left and a home icon on the right. Below the header, there are two main sections: "Barcode" and "P/N Info".

Barcode Section: Contains a table with columns "No", "BCR", and "Status". Below the table is a large empty box for barcode display. At the bottom, there are input fields for "BCR" and "P/N", and buttons for "New", "Edit", "Delete", and "Confirm".

P/N Info Section: Contains input fields for "MOQ" (100000), "Out" (80), and "In" (30). There is a "Product" dropdown menu and a "PO No" input field with a "Select" button. At the bottom are "Complete" and "Clear" buttons.

A yellow banner at the bottom of the interface reads: "Put a reel to the registration device".

▪ How to register reel information

- 1) Plug in an initialized tag into a reel, and put in a registration device.
- 2) After identifying the barcode, its information will be displayed.
 - a. When registering a new barcode
→ After clicking on "Confirm", P/N Info display will be vitalized. Put in MOQ and select product item, and when you click on "Complete", registration is completed.
 - b. When a barcode is already registered
→ It will show as "Registered" on status, and after measuring, the barcode's information will be automatically saved.
- 3) When "Remove" message appears, remove the reel and you may measure by inserting the other reel.
- 4) You may go back to the main display by clicking on home button.

I. Registration Device (A)

- Reel information registration(example display of a new barcode registration)

Registration(Reel)

No	BCR	Status
1	3206187K0LRM06FT1780	

Barcode identification

BCR: 3206187K0LRM06F P/N: 3206187K0LRM06F

New Edit Delete **Confirm** **Complete** Clear

P/N Info

MOQ: 100000 Info window vitalization
Out: 75 In: 30
Product:
PO No:
Select

Please input reel information. If you finish input, press the reset button or press the 'complete' button on the screen

P/N Info input example

- Reel information registration (example display of a registered barcode)

Registration(Reel)

No	BCR	Status
1	RM06FT1780	Registered

Barcode identification

BCR: RM06FT1780 P/N: RM06FT1780

New Edit Delete **Confirm** **Complete** Clear

P/N Info

MOQ: 5000
Out: 80 In: 30
Product: Resistor
PO No:
Select

Registration is complete. Remove the reel.

Registration complete. You may remove the reel.

I. Registration Device (A)

3.2.1 Reel Information Registration Exceptions

I. When barcode is damaged and incapable of auto Registration

When barcode is not attached

Register by manually entering the barcode information. On registration display, touch on "NEW" for manual input and you may also modify or delete the barcode information. (Re-attaching barcode is highly recommended.)

The screenshot shows the 'Registration(Reel)' interface. At the top, there's a header with the CEYON logo and a home icon. Below it, a table with 'Barcode' and 'P/N Info' sections. The 'Barcode' section has columns for 'No', 'BCR', and 'Status'. The 'P/N Info' section has 'MOQ' set to '100000' and 'In' set to '30'. A 'Reel Register' dialog box is open, prompting 'Input new barcode' with the text 'RM06FT1780' entered. Below the dialog, there are buttons for 'New', 'Edit', 'Delete', 'Confirm', and 'Clear'. A yellow banner at the bottom says 'Please read the barcode on the reel.'

II. When a reel with a registered tag is on

A message saying "This tag is already registered" will appear. (Refer to Manual 5.7 for tag reuse (initialization))

The screenshot shows the 'Registration(Reel)' interface. The 'MOQ' is set to '5000' and 'In' is set to '0'. A 'Reel Register' dialog box is open, displaying the message: 'This tag is already registered.(2018-05-09_00023). press the 'continue' button to start from beginning'. Below the message are 'Continue' and 'Close' buttons. A yellow banner at the bottom says 'Put a reel to the registration device'.

I. Registration Device (A)

3.2.1 Reel Information Registration Exceptions

III. When tag reading is failed

This is a display when it fails to read the tag.

- Remove reel from the registration device and plug back in.
- When the error continues after procedure I, attach a new tag and try again.

The screenshot displays the 'Registration(Reel)' application window. It features a blue header bar with the company logo on the left and a home icon on the right. The main area is divided into two panels: 'Barcode' on the left and 'P/N Info' on the right. The 'Barcode' panel contains a table with columns 'No', 'BCR', and 'Status'. The first row shows '1', '+GRM1885', and 'Error'. Below the table are buttons for 'New', 'Edit', 'Delete', 'Confirm', and 'Complete'. The 'P/N Info' panel includes input fields for 'MOQ' (set to 4000), 'In' (set to 30), and a 'Select' button. A modal dialog box titled 'Reel Register' is centered over the interface, displaying the message: 'Unable to write tag information, Put the reel to the registration device. Do you want to retry?'. The dialog has 'Yes' and 'No' buttons. At the bottom of the application window, a yellow banner contains the text 'The registration of the Part No.'

Barcode			P/N Info	
No	BCR	Status	MOQ	In
1	+GRM1885	Error	4000	30

BCR: +GRM1885

Buttons: New, Edit, Delete, Confirm, Complete, Clear

Dialog Box: Reel Register
Unable to write tag information, Put the reel to the registration device. Do you want to retry?
Yes, No

Footer: The registration of the Part No.

I. Registration Device (A)

3.2.2 When registering reel, select manufacturer P/N barcode

I. When there is only one barcode information registered,
➡ It is set as a main P/N barcode.

II. When there is multiple barcodes information registered,
➡ After **selecting manufacturer P/N barcode**,
Click on "Confirm" and P/N Info window will be vitalized

After insert MOQ and selecting product, click on
"Complete" and barcode information registration is completed.

I. Registration Device (A)

3.2.3 When registering reel, P/N's initial information insertion and saving

➤ Tools when registering new manufacturer P/N

(Registered manufacturer P/N will appear as "Registered" on status, but new manufacturer's P/N barcode will appear as blank on status.)

The screenshot shows the 'Registration(Reel)' interface. It has a blue header with a logo on the left and a home icon on the right. Below the header, there are two main sections: 'Barcode' and 'P/N Info'. The 'Barcode' section contains a table with columns 'No', 'BCR', and 'Status'. The first row shows '1', '+GRM1885C1H00004000', and a blank status field. Below the table are input fields for 'BCR' and 'P/N', both containing '+GRM1885C1H000'. At the bottom of the 'Barcode' section are buttons for 'New', 'Edit', 'Delete', and 'Confirm'. The 'P/N Info' section contains input fields for 'MOQ' (4000), 'Out' (80), 'In' (30), 'Product' (a dropdown menu), and 'PO No' (a text field). There is a 'Select' button next to the 'PO No' field. At the bottom of the 'P/N Info' section are buttons for 'Complete' and 'Clear'. A yellow banner at the bottom of the interface contains the text: 'Please input reel information. If you finish input, press the reset button or press the 'complete' button on the screen'.

No	BCR	Status
1	+GRM1885C1H00004000	

BCR: +GRM1885C1H000 P/N: +GRM1885C1H000

Buttons: New, Edit, Delete, Confirm, Complete, Clear

MOQ: 4000 Out: 80 In: 30 Product: [dropdown] PO No: [text field] Select

Please input reel information. If you finish input, press the reset button or press the 'complete' button on the screen

▪ How to insert and save P/N Info

- 1) Plug in an initialized tag into a reel, and put in a registration device.
- 2) After identifying the barcode, its information will be displayed.
- 3) New P/N will appear as black on Status, and after checking the barcode number, click on "Confirm."
- 4) P/N Info will be vitalized. Insert MOQ and select product.
- 5) Click on "Complete" and product registration is completed.

I. Registration Device (A)

4. Remaining Amount Measurement

This is a display to measure reel's remaining amount.

R - Measurement	
Tag Info	P/N Info
TID 2018-05-09_00023	MOQ 5000
P/N _NewC1007	Product
Remaining amount 5000	PO No
	Measure

Press the 'Measure' button to start the measurement.

R - Measurement	
Tag Info	P/N Info
TID 2018-05-09_00023	MOQ 5000
P/N NewC1007	Product
Remaining amount 4500	PO No
	Measure

Remaining amount measurement completed.
Remove the reel.

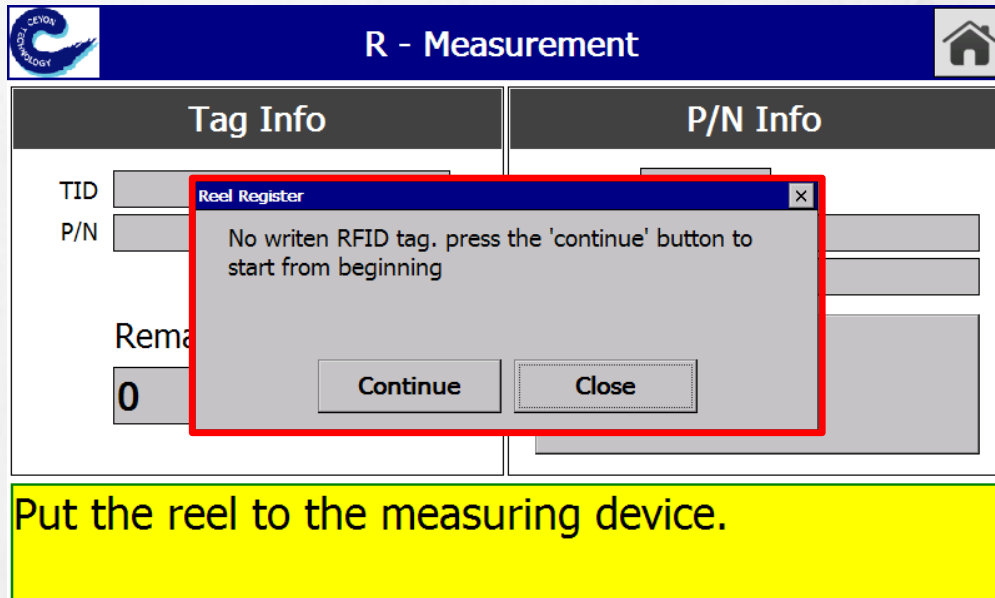
▪ How to measure remaining amount of the reel

- 1) When you put a reel on a registration device, its information will be displayed on screen.
- 2) By pressing on "Measure"(or green button), you can measure reel's remaining amount.
- 3) After remaining measurement is completed, when "Remove" message pops up, you may removed the reel.
- 4) You may go back to the main display by clicking on home button.

I. Registration Device (A)

4.1 Remaining Amount Measurement Exceptions

This is a display when it cannot read a tag while measuring reel's remaining amount.

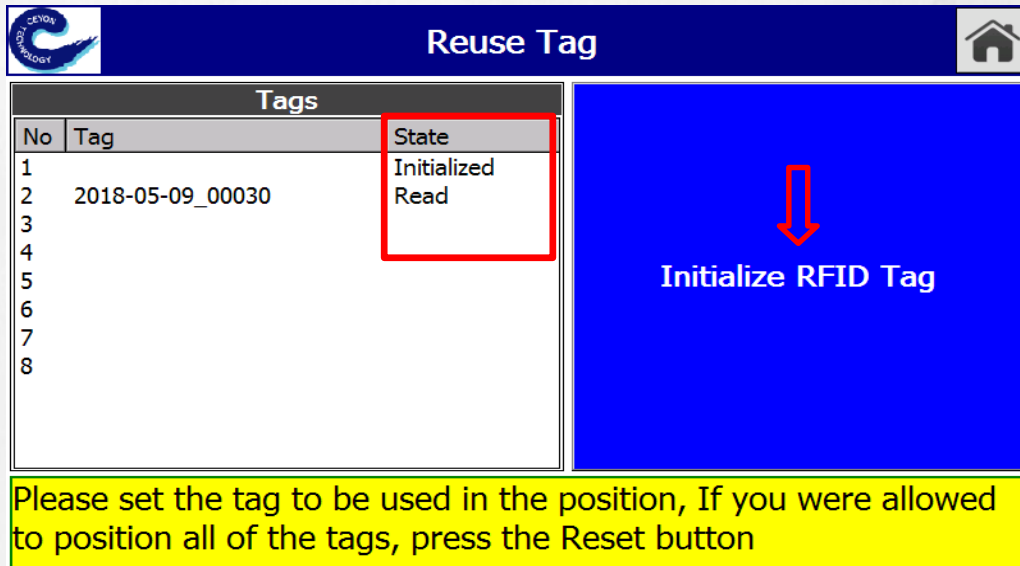


- 1) After checking tag's location, click on "Measure" again.
- 2) When the measurement works successfully, "Tag Info" will be displayed.
- 3) You may go back to the main display by clicking on home button

I. Registration Device (A)

5. Tag Reuse

This is a display of initializing a registered tag. (Capable up to maximum 8 simultaneously)



1) When you put on a tag you wish to reuse, the reader will read the tag.

I. When it's a new or initialized tag
It appears as "Initialized" on "State."

II. When it's a registered tag
When it appears as "Read" on "State",
Click on "Initialize RFID Tag." When initialization
is completed, it will change to "Initialized."

2) When it shows "Completed" message on bottom of the page, remove tag.

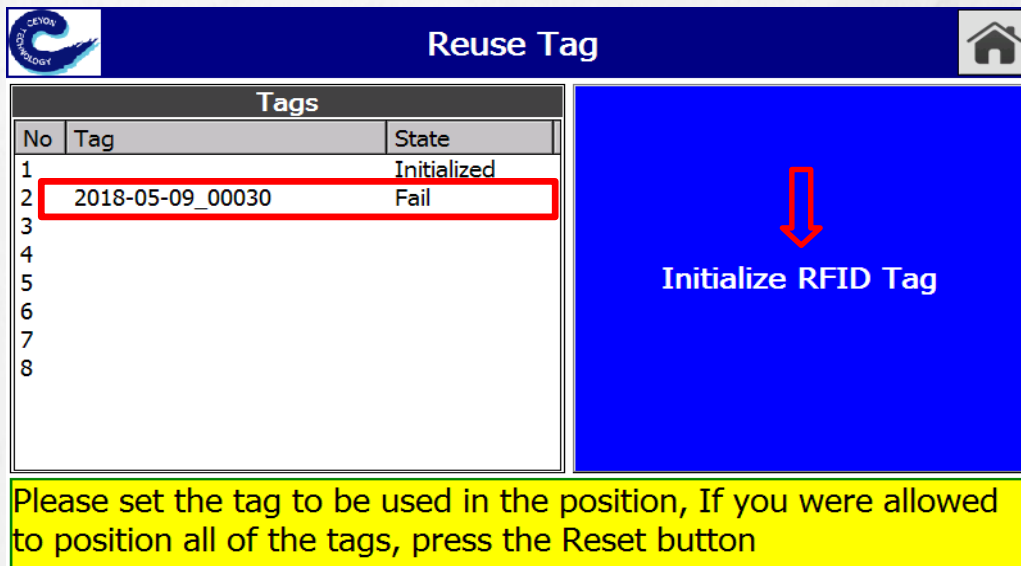
3) You may go back to main display by clicking on home button

- Initialized : when it's initialized
- Read : when the tag is read
- Fail : when it failed to initialized the tag

I. Registration Device (A)

5.1 Tag Reuse Exceptions

This is a display when tag initialization was not successful.



- 1) After checking tag's location, click on "Initialize RFID Tag" again.
- 2) When re-initialization is successful, it will appear as "Initialized" on State" and tag initialization will be successfully completed.
- 3) You may go back to main display by clicking on the home button.

- Initialized : when it's initialized
- Read : when the tag is read
- Fail : when it failed to initialized the tag

I. Registration Device

B. When managing its own P/N codes

I. Registration Device (B)

1. Registration Device Practice

When registration device program is on, following display appears. After network check, when you click on the following display, it proceeds to registration device's main display.



CEYON TELLINVENTORY CO.,LTD.

Reel Register

Checking the status of the network.
Please wait a moment.



CEYON TELLINVENTORY CO.,LTD.

Reel Register

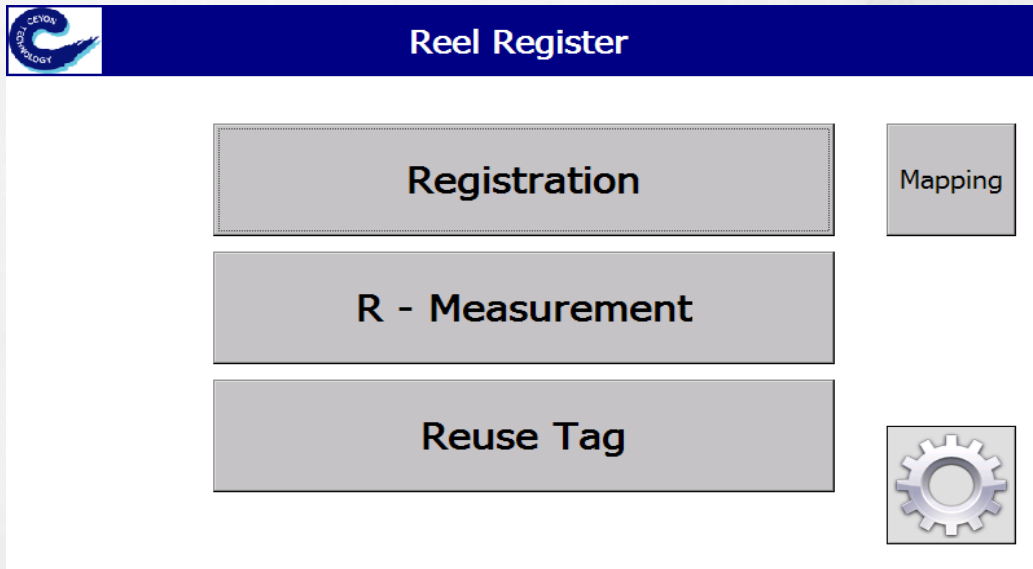
To start the program, touch the screen.

I. Registration Device (B)

2. Main Display

This is a registration device's main display when managing its P/N code.

When you touch the Menu box you wish to proceed, it moves to the next screen accordingly.



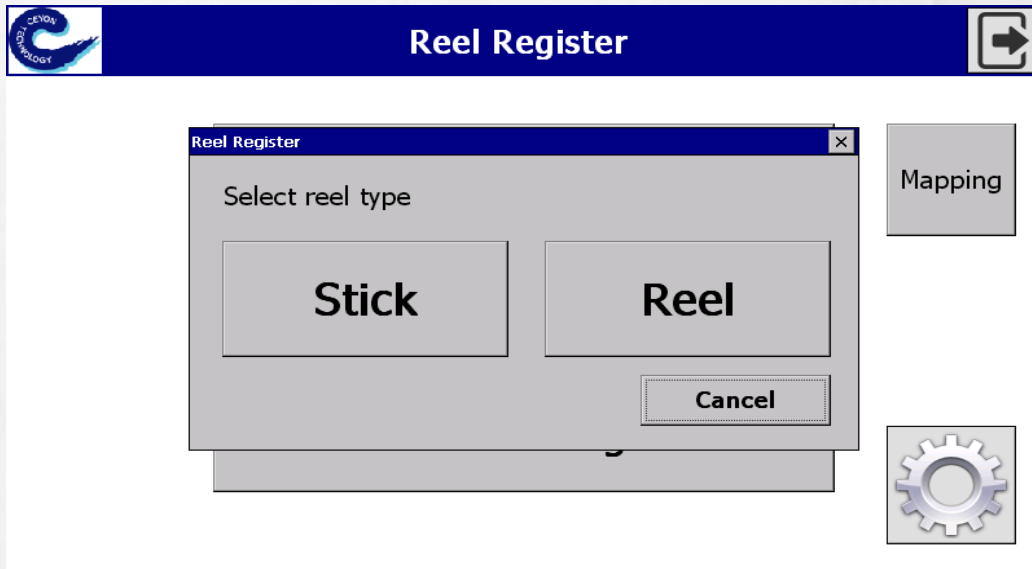
※ **Configuration precautions - After minimum set up is completed, you may use without further change.**

- Mapping : when the user manages its own userP/N
- Registration : when registering information of stick or reel
- R-Measurement : when measuring reel's residual quantity
- Reuse Tag : when initializing published tags
- Configuration : communication setting of registration device program

I. Registration Device (B)

2. Main Display

After touching "Registration", select the reel type of your choice and its material registration screen will appear. (Proceed mapping first.)



- Stick : material is in stick shape
- Reel : material is in reel shape
- Cancel : Go to main display

I. Registration Device (B)

3. Mapping

- II. When the user manages its own userP/N, it applies as options.
According to the following, user **1)manually registers**, **2)registered on Microsoft Excel in a lump**.(Refer to Manual 4 10.1)
- III. Multiple parts can be registered under one USERPN(1:N)

P/N Mapping

Barcode			P/N Info	
USERPN A-0059			MOQ 4000	
No	BCR	Status	Out 95	In 30
1	+GRM1885C1H00004000	Registered	Product	
BCR +GRM1885C1H000 P/N +GRM1885C1H000			Clear	
New Edit Delete Confirm				

Mapping is complete. To start from the beginning, press the reset button or press the 'clear' button on the screen.

▪ How to map

Plug in an initialized tag into a stick or a reel, and lay on a registration device.

- 1) After identifying USERPN barcode, identify original P /N barcode.

I. For initial mapping

There is a blank under "Status", and when you press on "Confirm", a message appears saying that mapping is complete.

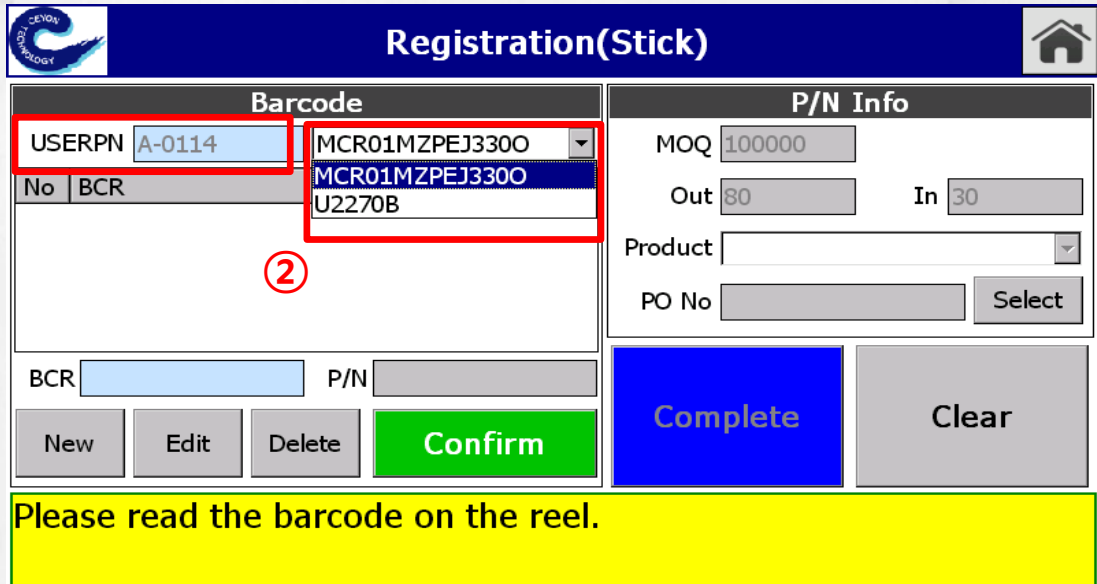
II. When mapping is already complete

It appears as "Registered" under "Status", and shows a message saying "Already mapped."

- 3) You can start a new mapping by clicking on "Clear."
You may go back to main display by clicking on home button.

I. Registration Device (B)

4.1 Stick Information Registration

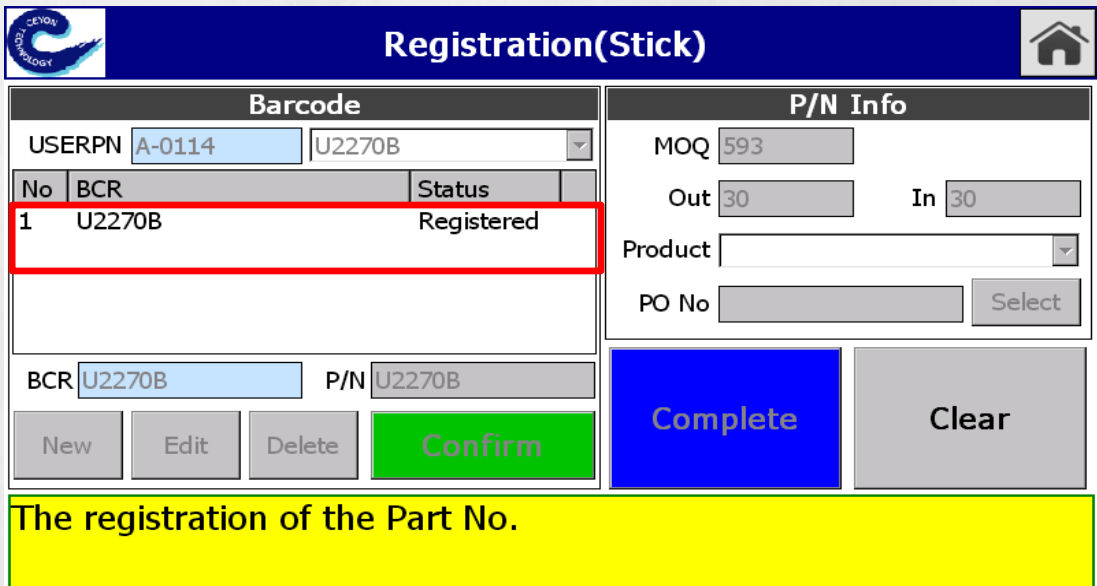


Registration(Stick)

Barcode		P/N Info	
USERPN	A-0114	MOQ	100000
No	BCR	Out	80
		In	30
		Product	
		PO No	Select
BCR			
P/N			
New	Edit	Delete	Confirm
		Complete	Clear

Please read the barcode on the reel.

- 1) Plug in an initialized tag into a stick, and insert in a registration device.
- 2) After identifying USERPN barcode, P/N barcode list mapped on its USERPN will appear on the side.



Registration(Stick)

Barcode		P/N Info	
USERPN	A-0114	MOQ	593
No	BCR	Out	30
		In	30
		Product	
		PO No	Select
BCR			
P/N			
New	Edit	Delete	Confirm
		Complete	Clear

The registration of the Part No.

- 3) After selecting a P/N barcode, when you identify the original barcode, a window to insert the remaining amount will appear.

I. Registration Device (B)

4.1 Stick Information Registration

Registration(Stick)

Barcode		P/N Info	
USERPN	A-0114 U2270B	MOQ	593
No	BCR	In	30
1	U2270B		
BCR U2270B		Select	
New	Edit	Delete	Confirm

Reel Register

Input remaining amount

0

OK Cancel

Clear

During the remaining amount measurement.

593						Clear	Cancel
1	2	3	4	5	BS		
6	7	8	9	0	Enter		

MOQ input example

Registration(Stick)

Barcode		P/N Info	
USERPN	A-0114 U2270B	MOQ	593
No	BCR	Status	
1	U2270B	Registered	
BCR U2270B		P/N	U2270B
New	Edit	Delete	Confirm

Complete Clear

Registration is complete. Remove the reel.

- 4) After remaining amount input, if you click on "Enter" and "OK" in order, registration will be completed. When "Complete" message shows up, you may remove the stick.

I. Registration Device (B)

4.1.1 Stick Information Registration

I. When barcode is not attached

Register by manually entering the barcode information. On registration display, touch on "NEW" for manual input and you may also modify or delete the barcode information. (Re-attaching barcode is highly recommended.)

The screenshot shows the 'Registration(Stick)' interface. At the top, there's a header with the CEYON logo and a home icon. Below the header, there are two main sections: 'Barcode' and 'P/N Info'. The 'Barcode' section contains fields for 'USERPN' (A-0114), 'U2270B', and 'MOQ' (593). The 'P/N Info' section contains a field for 'In' (30) and a 'Select' button. A 'Reel Register' dialog box is overlaid on the screen, prompting the user to 'Input new barcode' with the text 'RM06FT1780'. Below the dialog box, there are buttons for 'New', 'Edit', 'Delete', 'Confirm', 'Complete', and 'Clear'. A yellow banner at the bottom of the screen reads 'Please read the barcode on the reel.'

II. When tag reading is failed

This is a display when it fails to read the tag.

- Remove reel from the registration device and plug back in.
- When the error continues after procedure I, attach a new tag and try again.

The screenshot shows the 'Registration(Stick)' interface. At the top, there's a header with the CEYON logo and a home icon. Below the header, there are two main sections: 'Barcode' and 'P/N Info'. The 'Barcode' section contains fields for 'USERPN' (A-0114), 'U2270B', and 'MOQ' (593). The 'P/N Info' section contains a field for 'In' (30) and a 'Select' button. A 'Reel Register' dialog box is overlaid on the screen, displaying the message 'Unable to write tag information, Put the reel to the registration device. Do you want to retry?'. Below the dialog box, there are buttons for 'Yes' and 'No'. Below the dialog box, there are buttons for 'New', 'Edit', 'Delete', 'Confirm', 'Complete', and 'Clear'. A yellow banner at the bottom of the screen reads 'The registration of the Part No.'

I. Registration Device (B)

4.1.1 Stick Information Registration Exceptions

III. When a reel with a registered tag is on

A message saying "This tag is already registered" will appear.
(Refer to Manual 5.7 for tag reuse (initialization))

The screenshot shows the 'Registration(Stick)' interface. At the top, there's a header with the CEYON logo and a home icon. Below the header, there are two main sections: 'Barcode' and 'P/N Info'. The 'Barcode' section contains fields for 'USERPN' and 'BCR'. The 'P/N Info' section contains fields for 'MOQ' (set to 593) and 'In' (set to 30). A 'Reel Register' dialog box is overlaid on the interface, displaying the message: "This tag is already registered. To register for the remaining amount press the 'R-Register' button". A red arrow points from the text to the 'R-Register' button. The dialog box also has 'Continue' and 'Close' buttons. At the bottom of the interface, there are buttons for 'New', 'Edit', 'Delete', 'Confirm', 'Complete', and 'Clear'.

Put a reel to the registration device

The screenshot shows the 'Registration(Stick)' interface. The 'Reel Register' dialog box is overlaid, displaying the message: "Input remaining amount". Below the message is a text input field containing the number '0'. The dialog box has 'OK' and 'Cancel' buttons. The background interface is the same as the previous screenshot, showing the 'Barcode' and 'P/N Info' sections and the bottom buttons.

Put a reel to the registration device

- When you click on "R-Register", a pop that allows **manual input of remaining amount** will appear and it will also update entered remaining amount.
- Even after touching on "Continue", unless a new tag is plugged in or/and R-Registered, an error pop will keep appearing.

I. Registration Device (B)

4.2.1 Reel Information Registration Exceptions

III. When tag reading is failed

This is a display when it fails to read the tag.

- Remove reel from the registration device and plug back in.
- When the error continues after procedure I, attach a new tag and try again.

The screenshot shows the 'Registration(Reel)' interface. At the top, there's a header with the CEYON logo and a home icon. Below the header, there are two main sections: 'Barcode' and 'P/N Info'. The 'Barcode' section contains fields for 'USERPN' (A-0059) and a dropdown menu showing '+GRM1885C1H00004'. The 'P/N Info' section contains a field for 'MOQ' (100000). Below these, there's a table with columns 'No' and 'BCR'. A modal dialog box titled 'Reel Register' is displayed in the center, with the message: 'Unable to write tag information, Put the reel to the registration device. Do you want to retry?'. The dialog has 'Yes' and 'No' buttons. At the bottom of the interface, there are buttons for 'New', 'Edit', 'Delete', 'Confirm', 'Complete', and 'Clear'. A yellow banner at the bottom of the screen reads: 'Please read the barcode on the reel.'

IV. When a barcode is not mapped

New P/N is required to do mapping first. (Refer to manual 3)

The screenshot shows the 'Registration(Reel)' interface, similar to the previous one. The 'Barcode' section has 'USERPN' (A-0059) and a dropdown menu showing '+GRM1885C1H00004'. The 'P/N Info' section has 'MOQ' (100000). Below these, there's a table with columns 'No' and 'BCR'. A modal dialog box titled 'Reel Register' is displayed in the center, with the message: 'USERPN(A-0059) and barcode(CR-03JL7---12R) matching error'. The dialog has an 'OK' button. At the bottom of the interface, there are buttons for 'New', 'Edit', 'Delete', 'Confirm', 'Complete', and 'Clear'. A yellow banner at the bottom of the screen reads: 'Please read the barcode on the reel.'

I. Registration Device (B)

5. Remaining Amount Measurement

This is a display to measure reel's remaining amount.

R - Measurement	
Tag Info	P/N Info
TID 2018-05-09_00023	MOQ 5000
P/N NewC1007	Product
Remaining amount 5000	PO No
	Measure

Press the 'Measure' button to start the measurement.

R - Measurement	
Tag Info	P/N Info
TID 2018-05-09_00023	MOQ 5000
P/N NewC1007	Product
Remaining amount 4500	PO No
	Measure

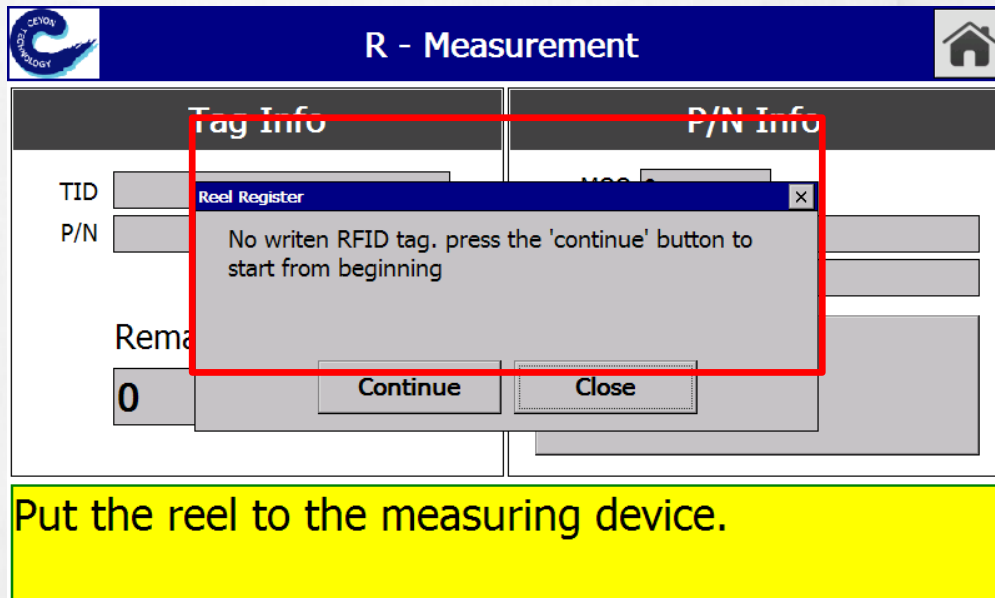
Remaining amount measurement completed.
Remove the reel.

- **How to measure remaining amount of the reel**
 - 1) When you put a reel on a registration device, its information will be displayed on screen.
 - 2) By pressing on "Measure"(or green button), you can measure reel's remaining amount.
 - 3) After remaining measurement is completed, when "Remove" message pops up, you may removed the reel.
 - 4) You may go back to the main display by clicking on home button.

I. Registration Device (B)

5.1 Remaining Amount Measurement Exceptions

This is a display when it cannot read a tag while measuring reel's remaining amount.

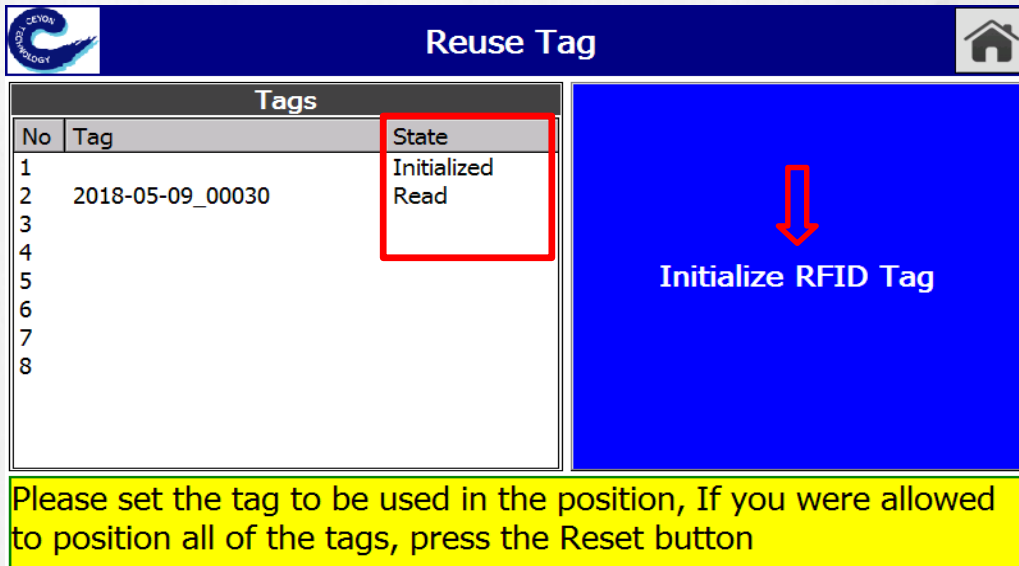


- 1) After checking tag's location, click on "Measure" again.
- 2) When the measurement works successfully, "Tag Info" will be displayed.
- 3) You may go back to the main display by clicking on home button.

I. Registration Device (B)

6. Tag Reuse

This is a display of initializing a registered tag. (Capable up to maximum 8 simultaneously)



1) When you put on a tag you wish to reuse, the reader will read the tag.

- I. When it's a new or initialized tag
It appears as "Initialized" on "State."
- II. When it's a registered tag

When it appears as "Read" on "State",
Click on "Initialize RFID Tag." When initialization
is completed, it will change to "Initialized."

2) When it shows "Completed" message on bottom of the page, remove tag.

3) You may go back to main display by clicking on home button.

- Initialized : when it's initialized
- Read : when the tag is read
- Fail : when it failed to initialized the tag

FCC Instructions

FCC Compliance Statement(Part 15.19 (3))

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Interference Statement(Part 15.105)

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.