



# Docking Station

Installation Guide



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## 1. Specifications

### Operation Environment

Operation Temperature: 0°C~50°C  
 Storage Temperature: -30°C~70°C  
 Humidity: 30%~95%RH  
 (no condensation)



**Installation: Indoor use only!!**

## 2. Dimension

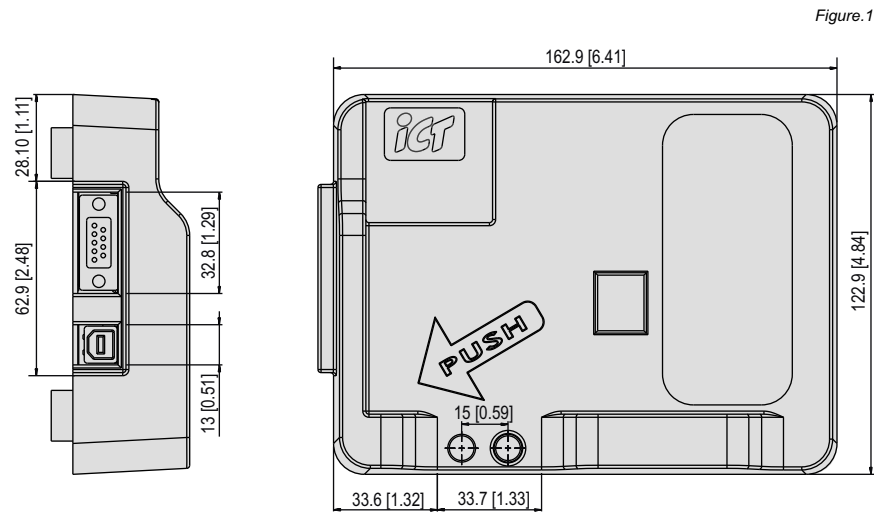


Figure.1

Unit:mm [inch]

## 3. Tool Installation & Functions

- Please install the three driver files as below before operation:
  - BDE Driver
  - USB Driver
  - Docking Station Tool

**\*Note:** Please confirm for the latest tool version on [www.ictgroup.com.tw](http://www.ictgroup.com.tw).

- Connect through USB or RS232.
  - For USB : Connect USB connector to PC.
  - For RS232 : Connect USB to PC as power supply.

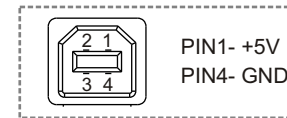


Figure.2

- Execute Docking Station Tool, and login. (For the first time to login, please revise administrator password <Security/ Password>)



Figure.3

**\*Default:**  
 For administrators- User ID :Admini  
 Password :Admini  
 For users- User ID :Guest  
 Password : Guest

4. After logging in, the account will be shown on the title bar (ex. Admin).

**Functions:**

- a. Save File
- b. COM Setup
- c. Security Setup
- d. Bill Box Setup (Admin Only)
- e. Read Tool Version
- f. Logout
- g. Docking Station Status
- h. Manual Connection
- i. Read Deal Records
- j. Delete Single Deal Records
- k. Status

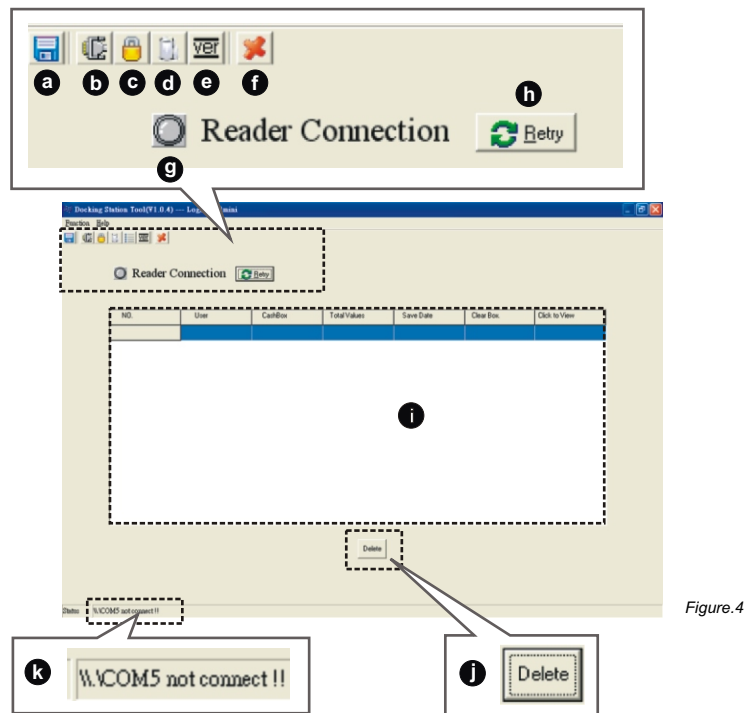


Figure.4



5. **“Save File”**: Save files as “.csv”.

6. **“COM Setup”**:

Setup COM 1~COM 20, and set the Reader Baud Rate as 9600.  
For USB users, please make sure the USB COM port before setup.

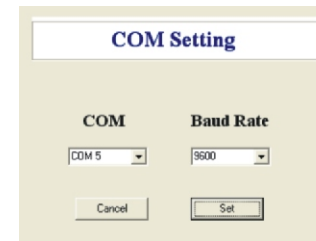


Figure.5



7. **“Security Setup”**:

For administrators-  
To setup password and authority, create and delete account.

For users-  
To setup passwords.

**\*Note: 6 codes limited for account and password.**

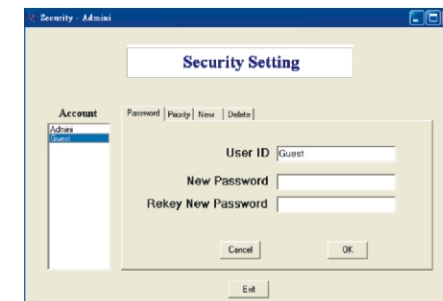


Figure.6



8. "Bill Box Setup" (Admin Only):

For administrators to re-name the bill box.

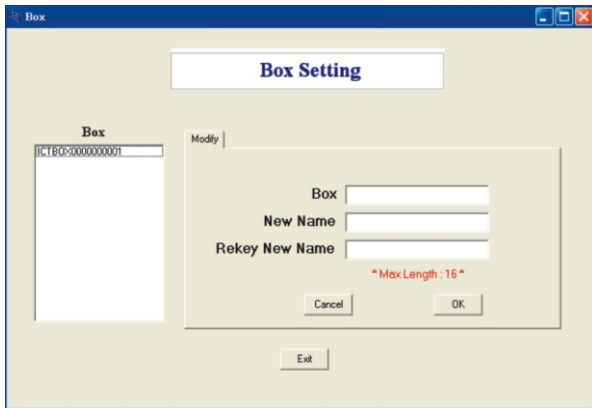


Figure.7



9. User Definition: To read/ write the user definition data.

(15 blocks total, 16 bytes for each block).

**\*Note: Please make sure Docking Station is well connected first.**

**Functions:**

- a. Open definition file (.csv).
- b. Save definition file (.csv).
- c. Read all data (15 blocks) from RFID.
- d. Write all data (15 blocks) to RFID.
- e. Define the name by users (8 digits maximum).
- f. Read/ write the hexadecimal data 0x0~0xFF. (Ex. To write in FA instead of 0xFA).
- g. Read the data of single block.
- h. Write the data of single block.
- i. Status

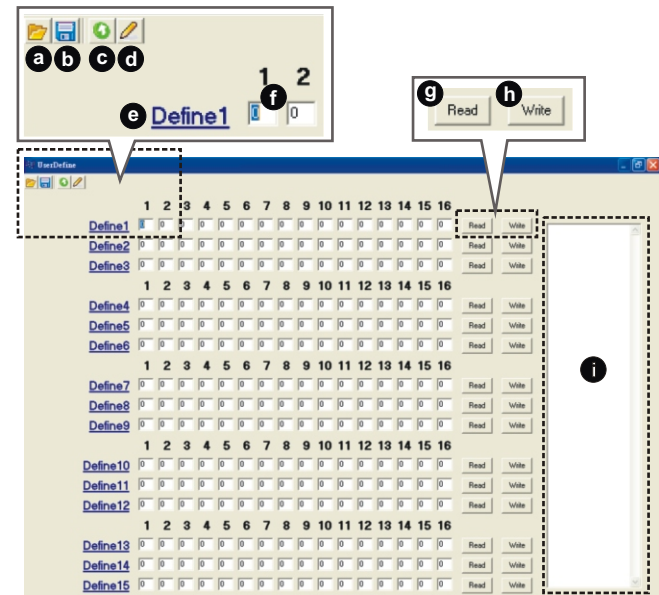


Figure.8



10. **“Tool Version”**:  
Read Tool Version.

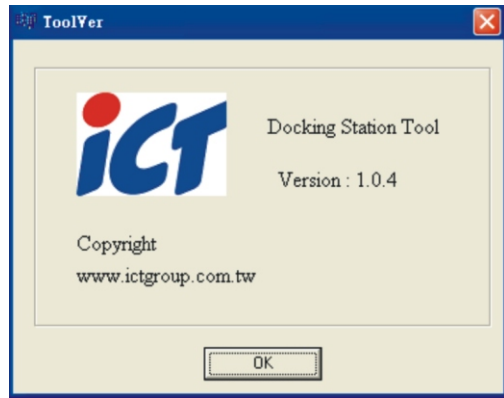


Figure.9



11. **“Logout”**:  
Login from another account.

12. **“Docking Station Status” (LED)**:  
Stays Green - Standby  
Flashes Green- Reading  
Stays Red - Reading Error

13. **“Buzzer Status”**:  
One Buzz - Reading  
Two Buzzes- Reading Succeed.

## 4. Tool Operation

1. When docking station is connected, and a bill box is installed on the docking station, it will be detected automatically for data reading.

**\*Note: To prevent the data error, please do not remove bill box or disconnect docking station when data reading.**

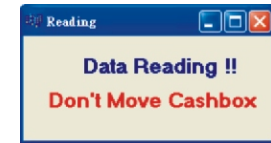
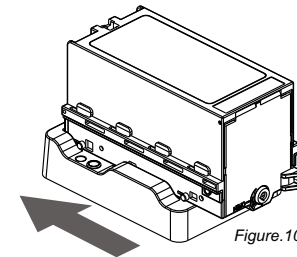


Figure.11



2. To install the bill box for the first time:  
(1). Name the bill box.

**\*Note: 16 codes limited for the name.**

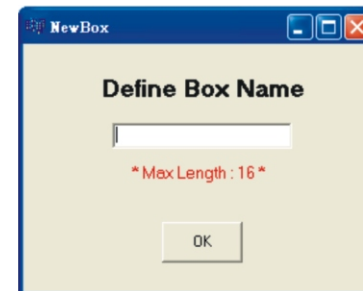


Figure.12

**\*The defined name will not be saved if users close the window. To rename the bill box, please re-install bill box again.**



(2). Clear bill box data or add new data.

**A. Bill Box with Data-**

Select whether to clear data in bill box or not.

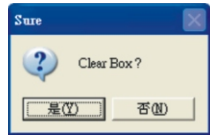


Figure.13

- a. Click on [YES] to clear data.  
Please do not remove bill box during the procedure.
- b. Click on [NO] to add a new data.



Figure.14

**B. No Data in Bill Box-**

Select whether to add data in bill box or not.

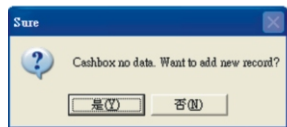


Figure.15

- a. Click on [YES] to add a new data.

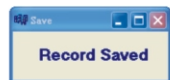


Figure.16

- b. Click on [NO] to not add any new data.



3. To install the bill box from the second time on:  
Clear bill box data or add new data.

**A. Bill Box with Data-**

Select whether to save the data again or not.

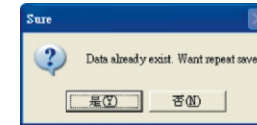


Figure.17

- a. Click on [YES] to save the data.



Figure.18

- b. Click on [NO] to go back to mainscreen.

**B. No Data in Bill Box-**

Select whether to add data in bill box or not.

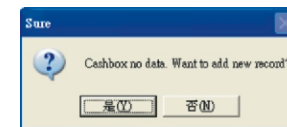


Figure.19

- a. Click on [YES] to add a new data.



Figure.20

- b. Click on [NO] to not add any new data.



4. Double click on deal record to read the data.

**Ex. Bill box ID, dealing amount or bill numbers.**

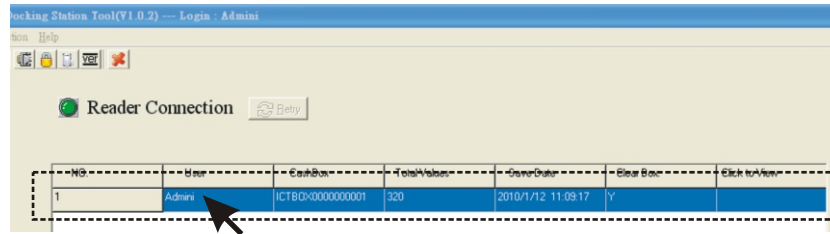


Figure.21

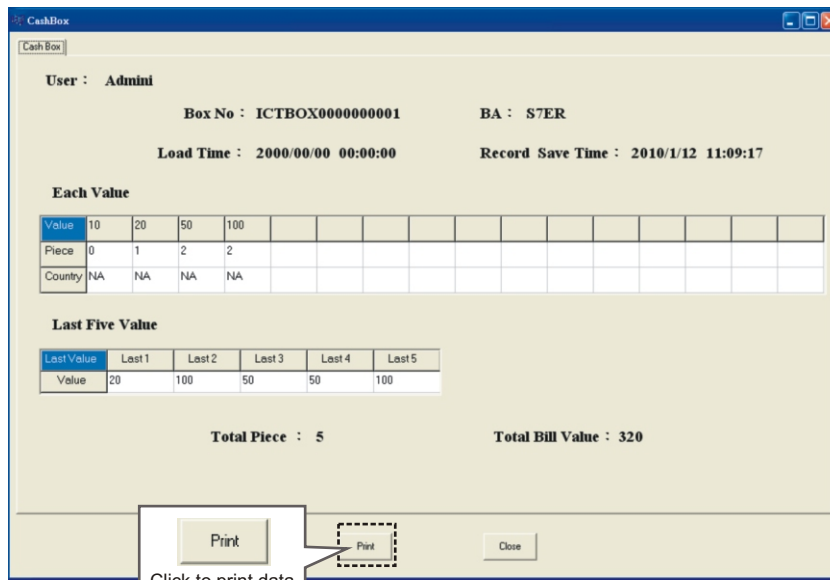


Figure.22

The tool figures are not necessary from the latest tool version, for correct figures, please refer to the latest tool version issued by ICT SW.

## 5. Maintenance

To make sure docking station always works smoothly, please use a soft, dry cloth or towel to clean the surface and LED regularly.

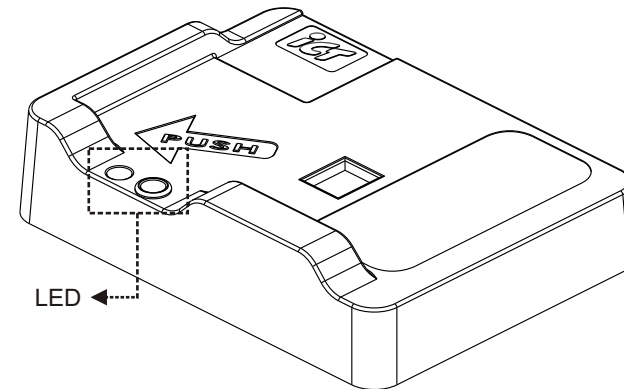


Figure.23

Maintenance Notice					
	<table border="1"> <tr> <td>Recommended</td> <td>Mild, non-abrasive, soap water.</td> </tr> <tr> <td>DO NOT USE</td> <td>Organic solvent , Alcohol, Volatility liquid.</td> </tr> </table>	Recommended	Mild, non-abrasive, soap water.	DO NOT USE	Organic solvent , Alcohol, Volatility liquid.
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