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# Coin Sorter for UCA Series



Installation Guide

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## 1. Introduction

### 1-1. Overview

Coin Sorter is designed for combining with UCA Series coin acceptor product, it can sort up to four different coins at the same time while accepting multiple coins from UCA Series, and provide you the most convenient service.

### 1-2. Features

- Four different coins sorting service at the same time.
- Simple installation to save your time.
- Easy to use: no software program setup needed.
- Service life is up to 300,000 times.

## 2. Specification

### General

<b>Sorting Speed</b>	Approx. 3 coins/sec
<b>Coin Accepted Size</b>	Diameter : 15mm~33mm Thickness: 1.0mm~3.5mm



**Installation: Indoor use only!!**

### Electrical

<b>Power Source</b>	12V DC (10V~16V DC)
<b>Power Consumption</b>	Standby : 0.05A, 0.6W Operation: 0.3A, 3.5W Maximum: 1.25A, 15W
<b>Operation Environment</b>	Operation Temperature: -5°C~60°C Storage Temperature : -30°C~70°C Humidity: 30%~85% RH (no condensation)

### Mechanical

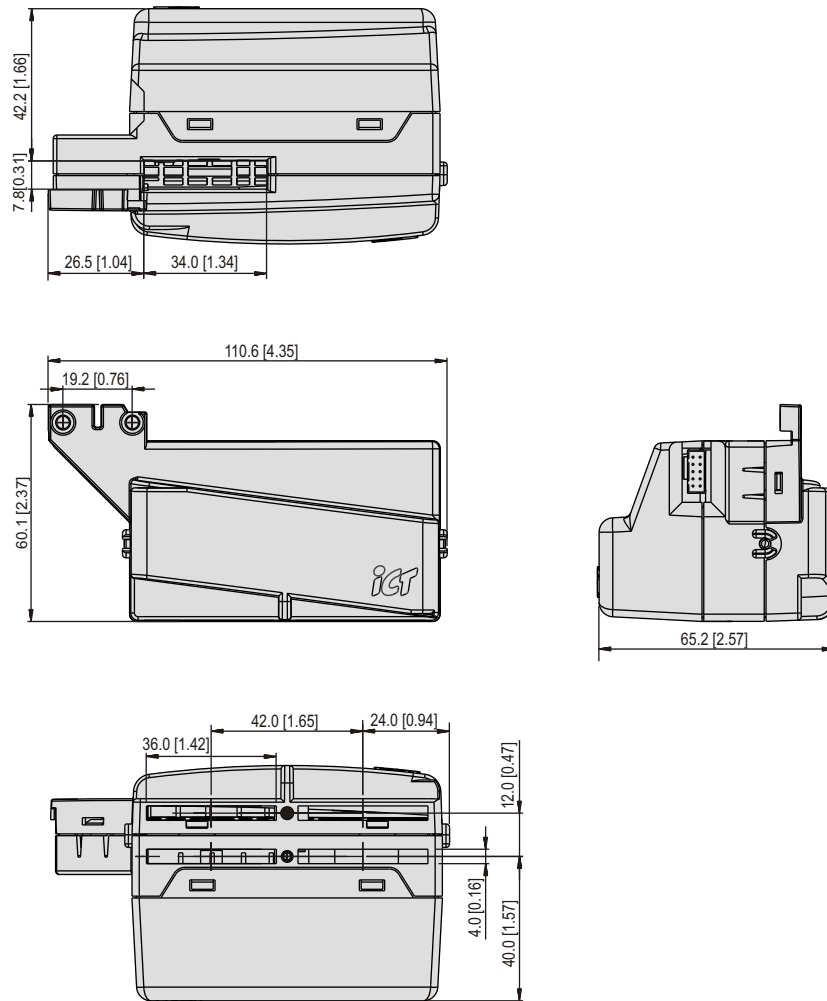
<b>Outline Dimension</b>	Refer to page. 4
<b>Net Weight</b>	Approx. 0.3kg

## 3. Packing List

<b>Main</b>	Coin Sorter
<b>Accessory</b>	Harnesses: Refer to page.6 Coin Sorter for UCA Installation Guide Two screws

## 4. Dimension

Figure.1



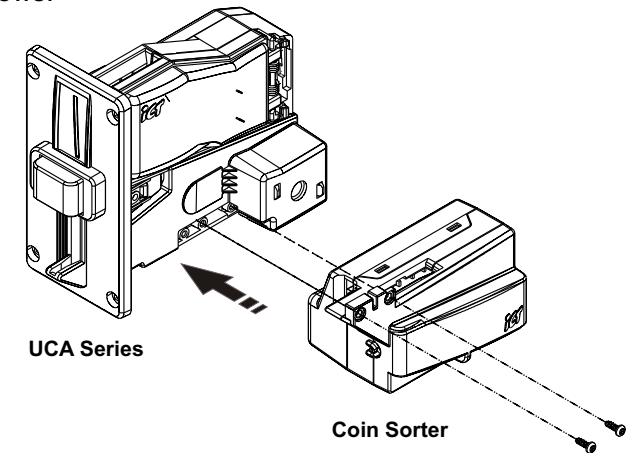
Unit : mm [inch]

## 5. Installation

### 5-1. How to install Coin Sorter on UCA Series?

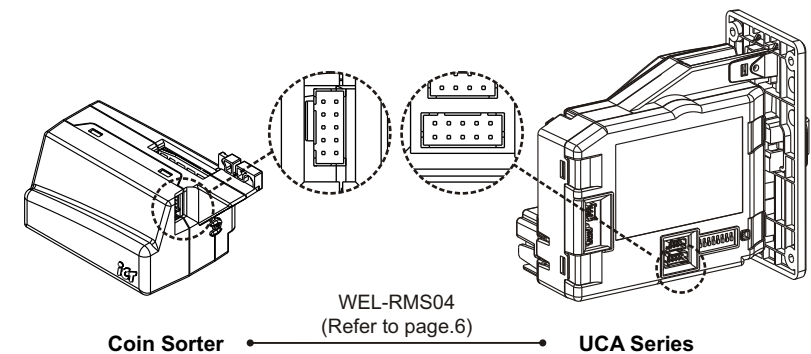
1. Combine Coin Sorter with UCA Series, and then tighten the screws.

Figure.2



2. Connect Coin Sorter to UCA Series with WEL-RMS04.

Figure.3

WEL-RMS04  
(Refer to page.6)

Coin Sorter

UCA Series

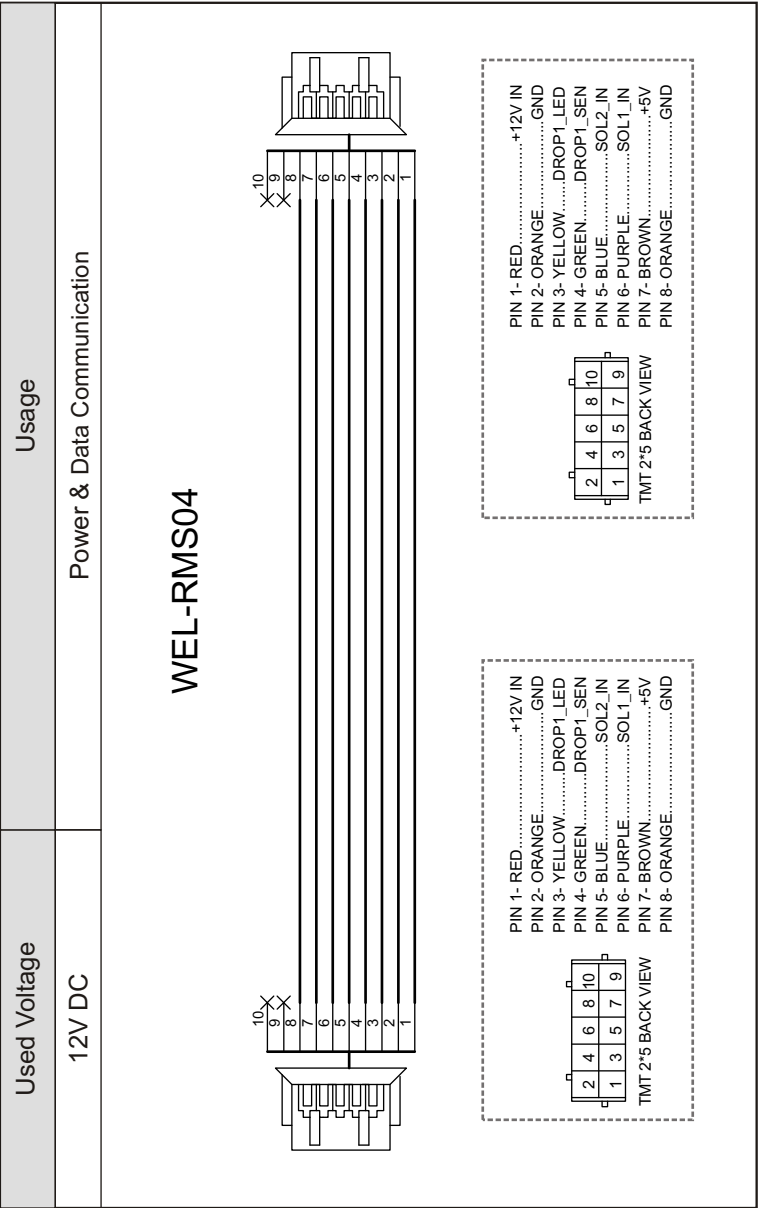


Figure.4

### 5-2. How to setup coin sorting channels ?

To setup coin sorting channels, please purchase FP-001 from ICT.

1. Connect FP-001 to UCA Series and PC.

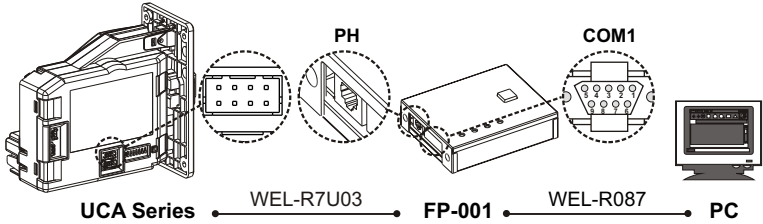



Figure.5

Power must be applied to UCA Series after connecting.

2. Download UCA tool from [www.ictgroup.com.tw/](http://www.ictgroup.com.tw/) ➔ support Start UCA tool and check the COM port status.

3. Click  to get current setting in UCA Series.

4. Select Sorter channel.

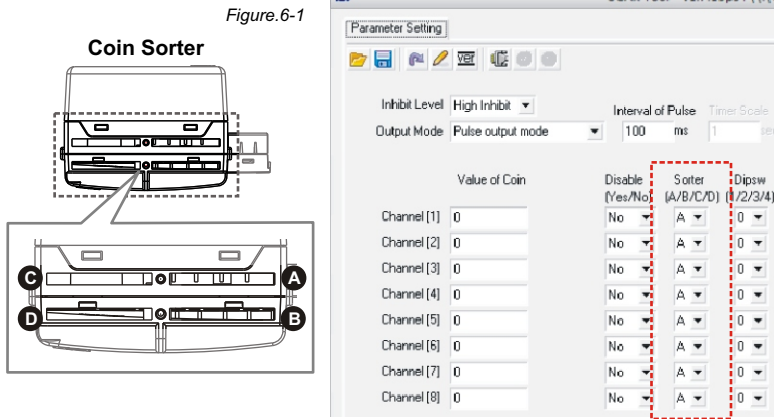


Figure.6

5. Click  to update the new channel.

6. Maintenance

To make sure Coin Sorter always works smoothly, please clean the internal parts regularly.

To clean the internal parts:

- 1. Insert a flathead screwdriver into the gap on Coin Sorter, then turn the flathead screwdriver to open Coin Sorter.

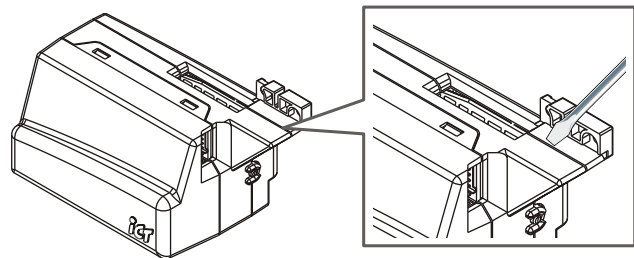


Figure.7

Coin Sorter

- 2. Clean the prism units and lens with a soft, dry cloth or towel.

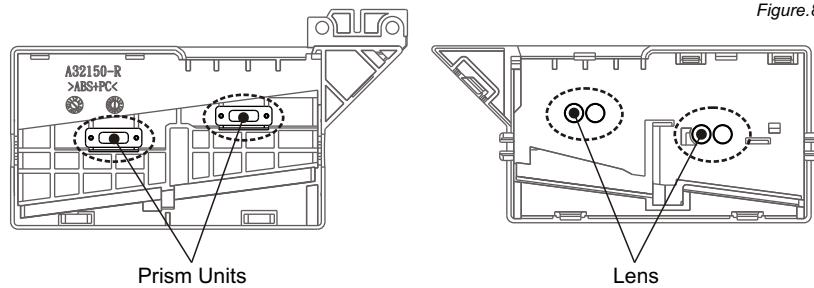



Figure.8

Prism Units

Lens



**Maintenance Notice**  
(Any improper maintenance will invalidate warranty.)

Recommended	Mild, non-abrasive, soap water.
DO NOT USE	Organic solvent , Alcohol, Volatility liquid.

7. Troubleshooting

7-1. How to remove jammed coins?

To remove jammed coins:

- 1. Insert a flathead screwdriver into the gap on Coin Sorter, then turn the flathead screwdriver to open Coin Sorter.

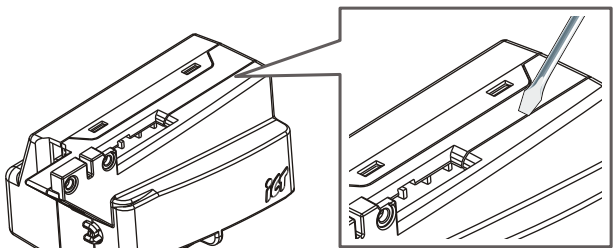


Figure.9

Coin Sorter

- 2. Remove jammed coins from the area as below.

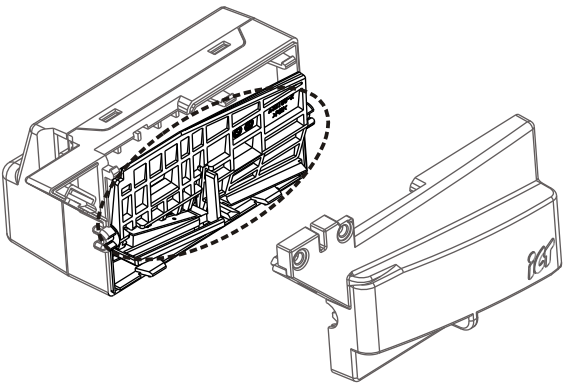


Figure.10



If the error can not be solved after corrective actions or it recurs, please contact ICT for technical support.



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