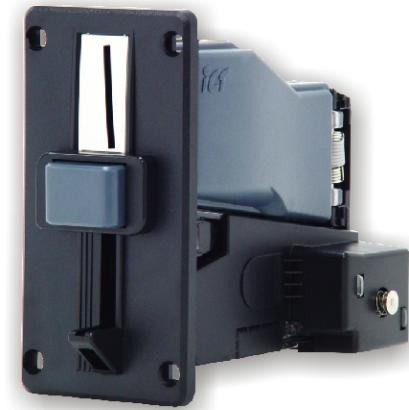




UCA *Series*



Coin Acceptor Installation Guide

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1. Introduction

1-1. Overview

UCA Series is designed as reliable coin acceptors which are able to work steadily in high temperature for high-security with acceptance rate up to 96% or greater.

1-2. Features

- High temperature working acceptable.
- Easy download and upgrade.
- Coin dispenser option available.
- Eight coin channels available at once.
- Mechanical Anti-String function.

2. Specifications

Common

Acceptance Rate

96% or greater

Interface

Pulse
RS232(TTL level)

Electrical

Power Source

DC +12V ~ +16V

Power Consumption

Stand by : Approx. 50mA
Operating: Approx. 500mA

Mechanical

Outline Dimension

See Page.2

Accepting Speed

0.3 ~ 0.5 sec / coin

Coin Parameters

Diameter : 16mm~33mm
Thickness: 1.6mm~3.3mm

Operation Environment

Operation Temperature: -5°C~+60°C
Storage Temperature: -20°C~+75°C
Humidity: 30%~85RH(no condensation)

Weight

Approx. 0.35 kg
(UCA Series Coin Acceptor only)

3. Packing List

Main

UCA Series Coin Acceptor

Accessory

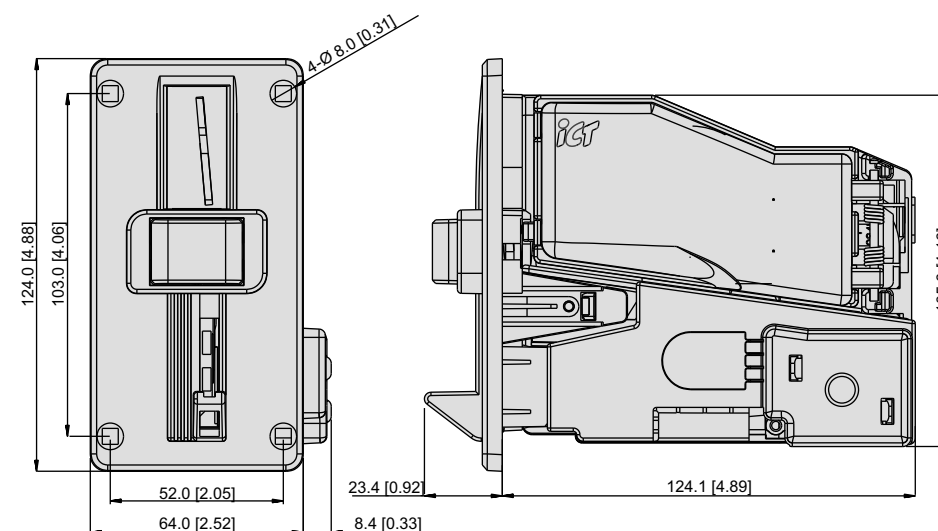
Harness: See 5-2

UCA Series Installation Guide

UCA Series Switches Setting Guide

Mode Type	Harness	Others
Pulse	See 5-2	Screws pack
RS232	See 5-2	N/A

4. Dimension



Unit : mm
[] : inch



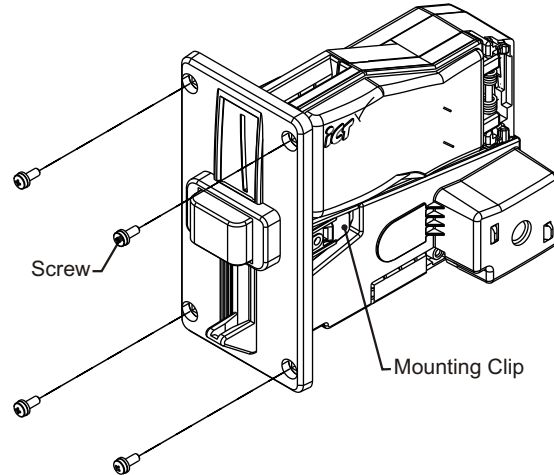
UCA Series is not supposed to be aslope over 3°.

5. Installation

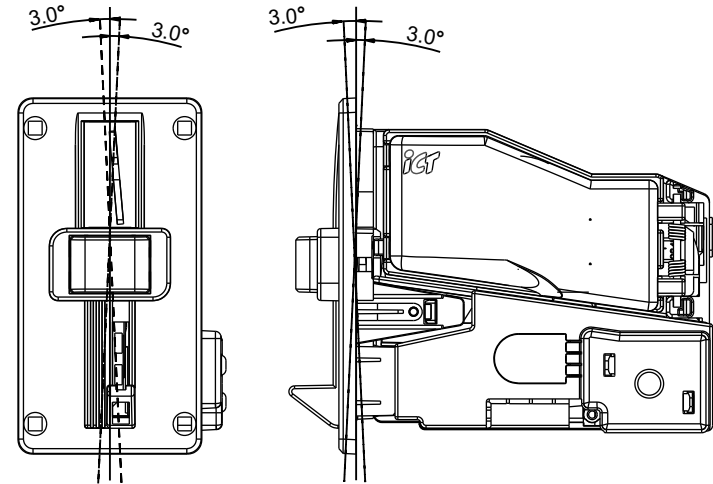
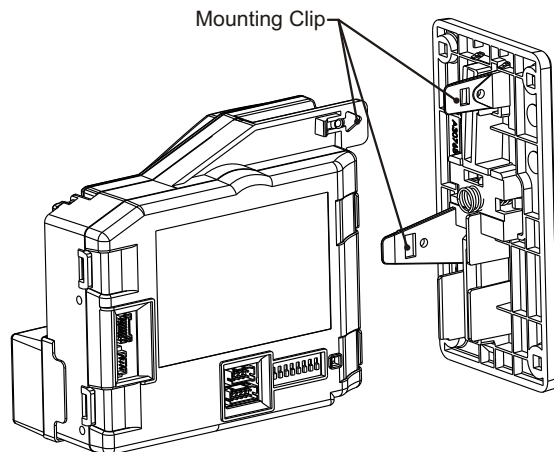
5-1. How to Install?

To install UCA Series coin acceptor on your machine, please follow the steps as below:

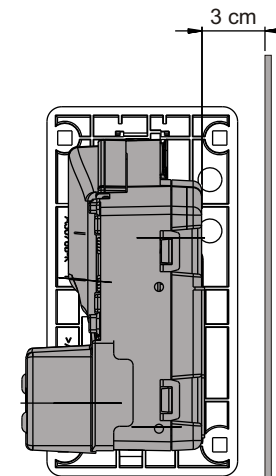
1. Use four screws to fix bezel on the machine.



2. Fix main base on bezel by mounting clips.



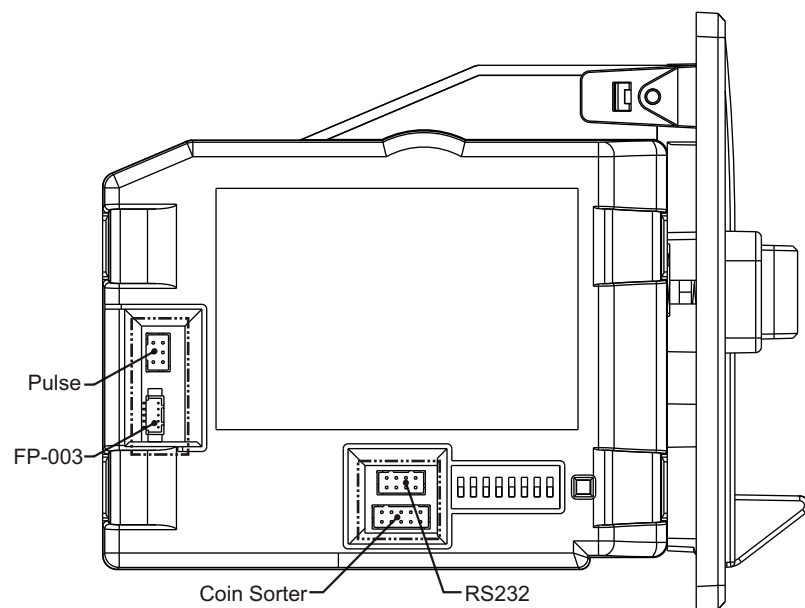
UCA Series is not supposed to be aslope over 3°.



To make sure UCA Series work smoothly, install machine farther than 3cm from metal items is recommended.

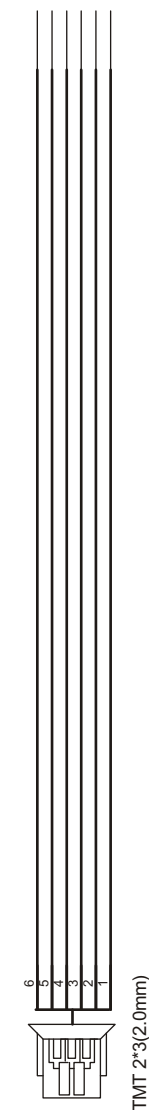
5-2. Harness Application

5-2-1. Connector

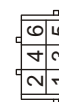


Interface	Used Voltage	Harness	Page
Pulse	12V DC	WEL-RMS03	6
		WEL-RMS02(Optional)	7
		CU-R961-1(Optional)	8
RS232	12V DC	WEL-RMS03	6
	N/A	WEL-R7U06	9

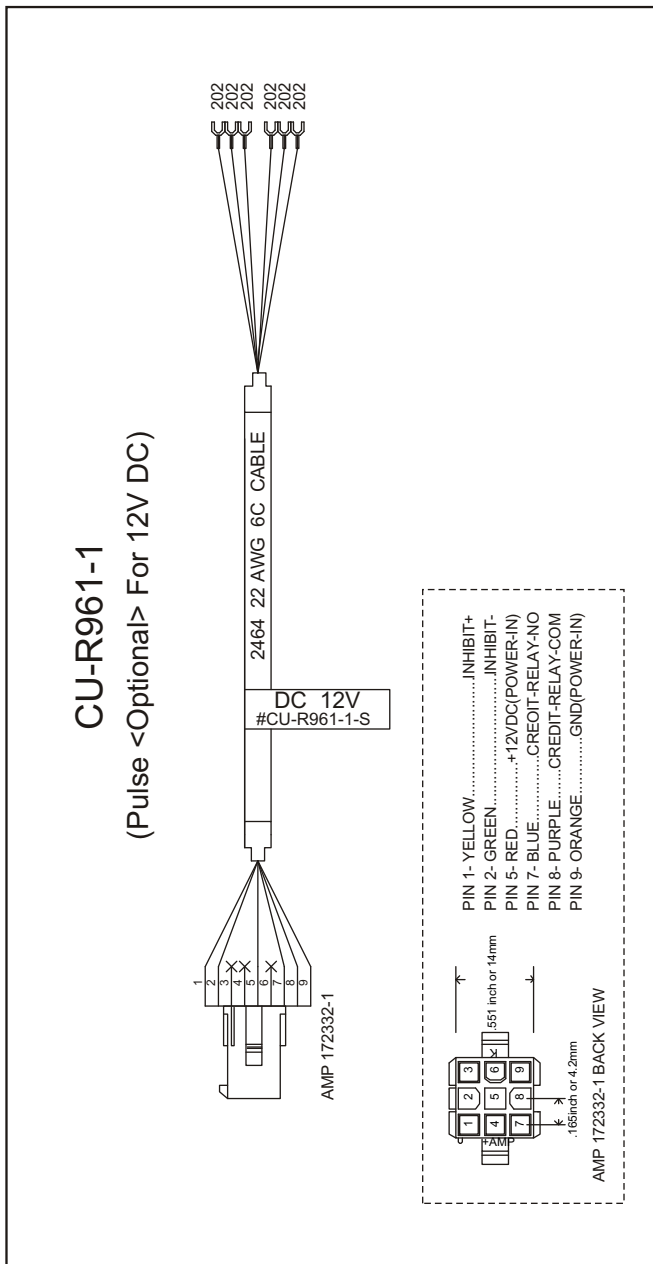
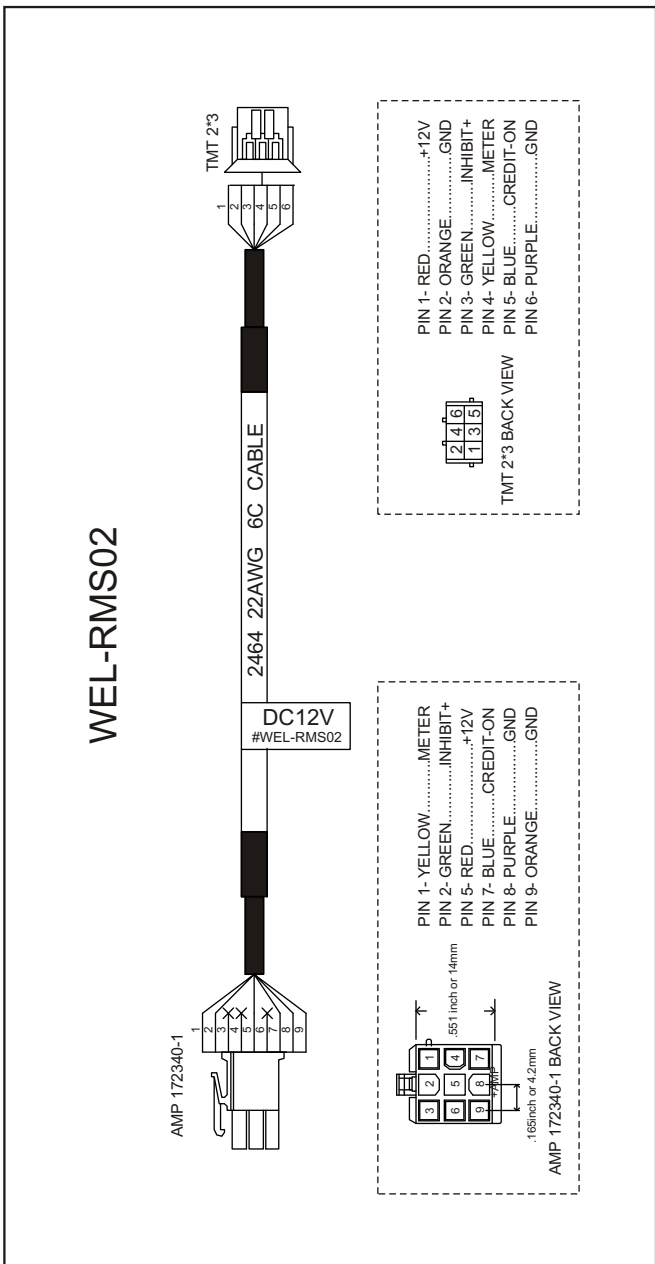
WEL-RMS03

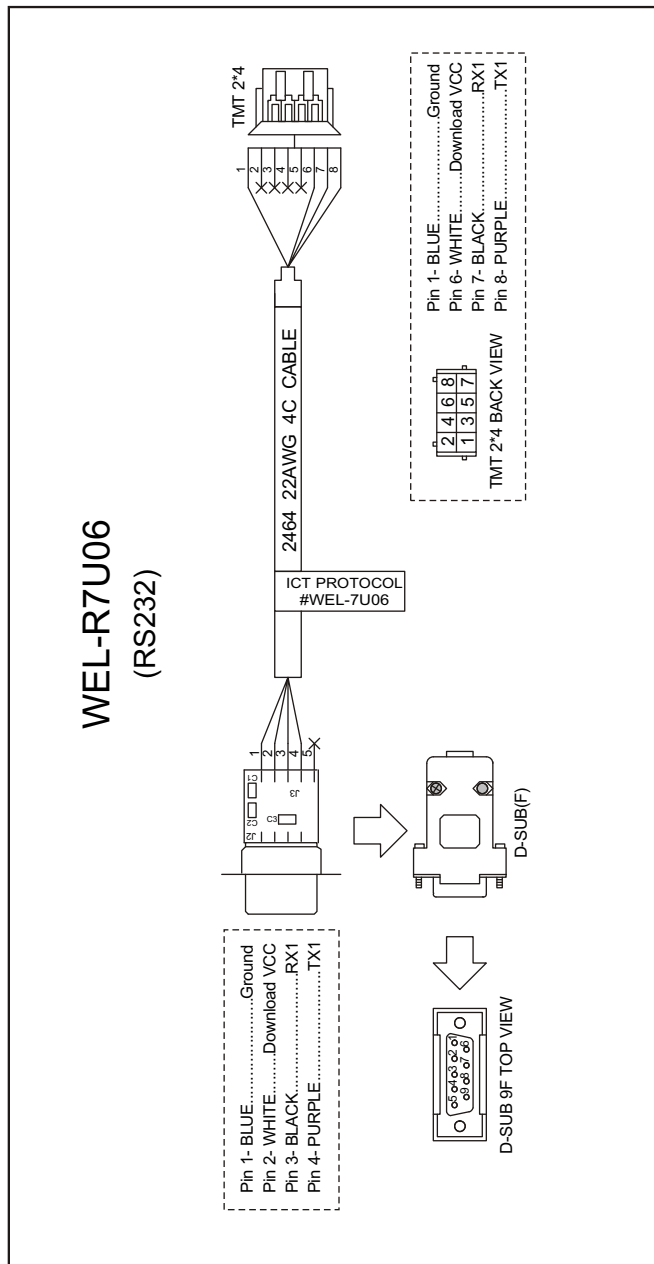


PIN 1- RED.....+12VDC
 PIN 2- ORANGE.....GND
 PIN 3- GREEN.....INHIBIT+
 PIN 4- YELLOW.....METER
 PIN 5- BLUE.....CREDIT/TIMER
 PIN 6- PURPLE.....GND



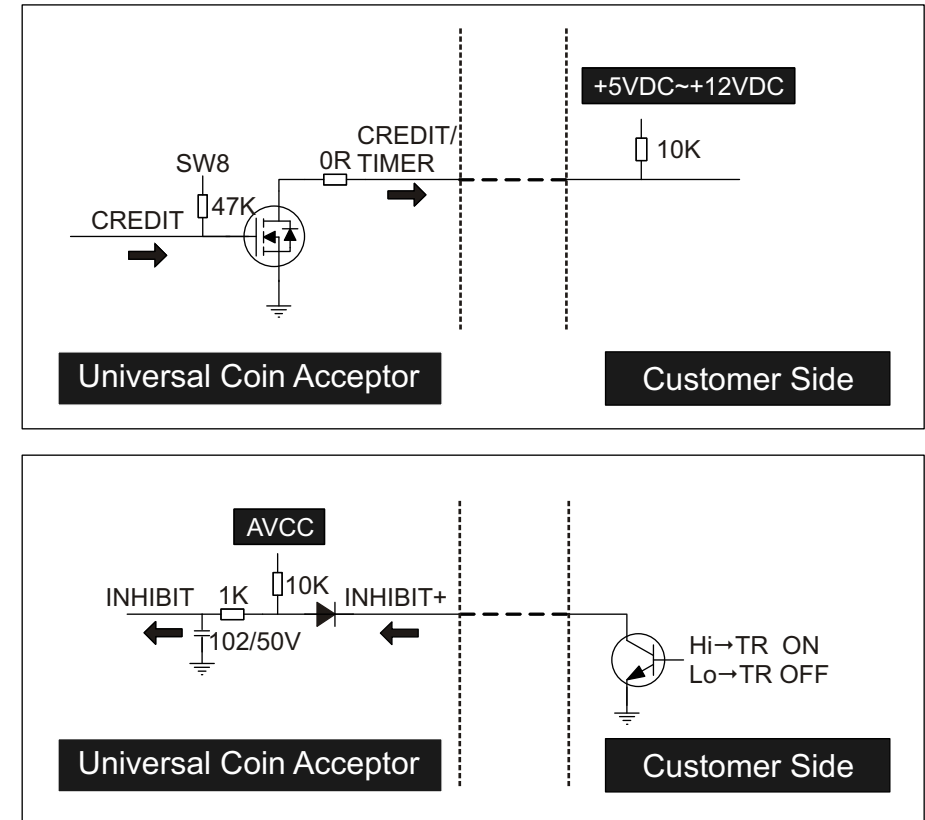
TMT 2*3 BACK VIEW



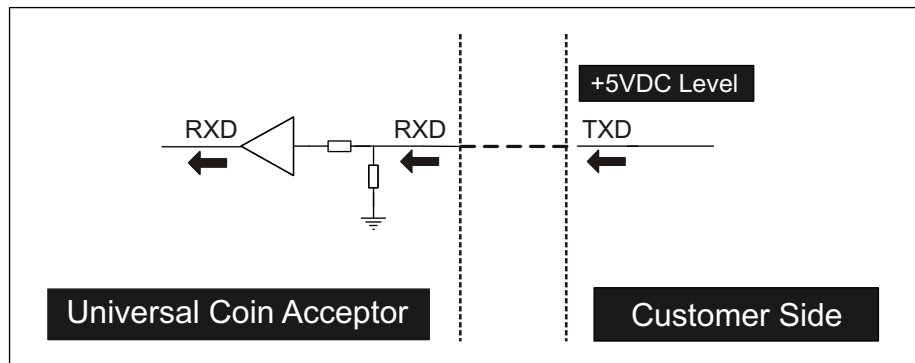
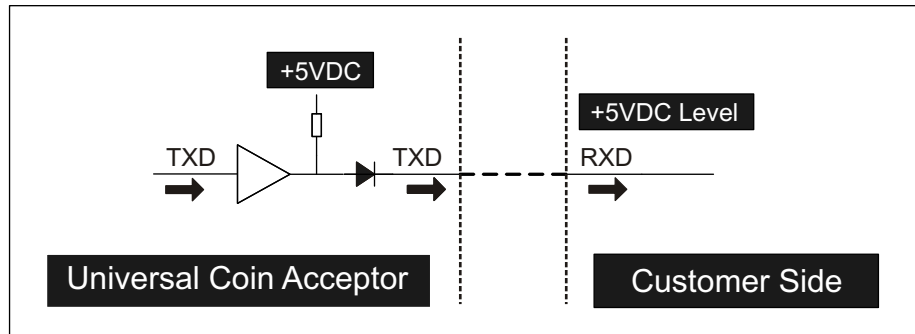


5-3. I/O Circuits

Pulse Interface Customer Recommend Circuit.



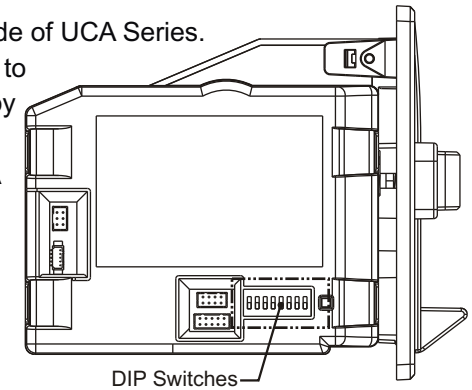
RS232 Interface Customer Recommend Circuit.



5-4. DIP Switch Setting

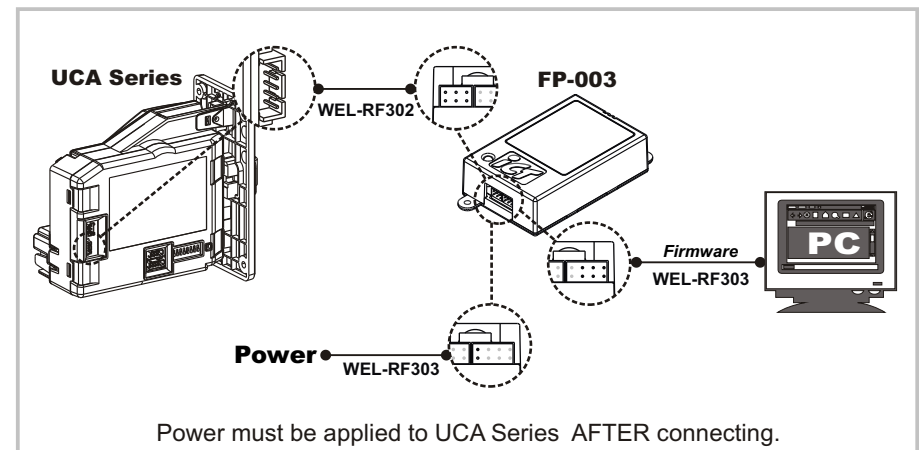
The DIP switches are located on side of UCA Series.

DIP switch setting varies according to different functions which are used by users. For DIP switch setting which fits your need, please refer to "UCA Series Switch Setting" guide in the package.



5-5. Software Download and Upgrade

To download and upgrade the software to UCA Series, the programmer (FP-003) is needed. Please contact ICT to purchase FP-003 and refer to FP-003 user guide for software download and upgrade information.

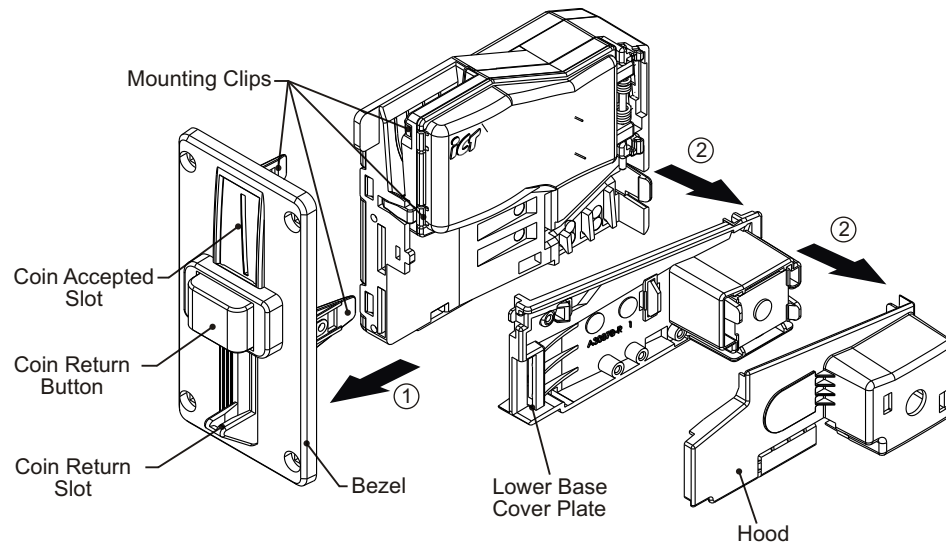


6. Maintenance

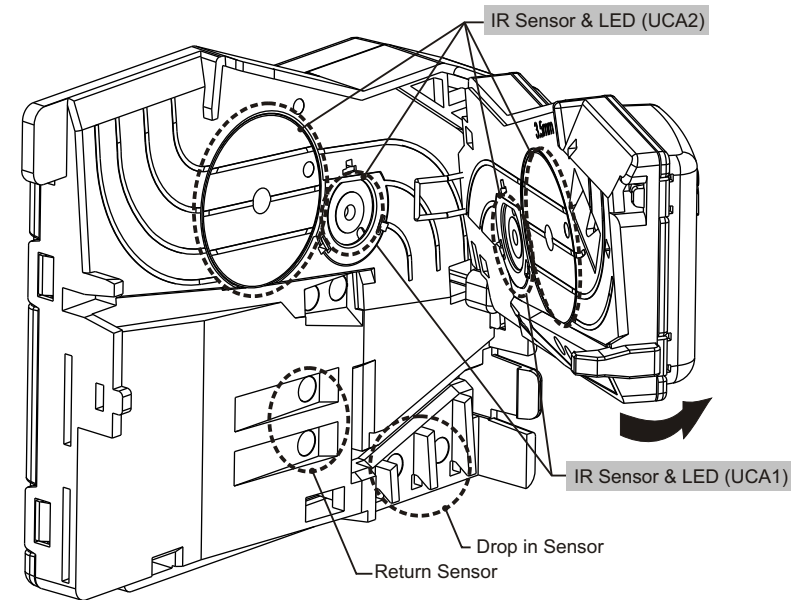
To make sure UCA Series coin acceptor always works smoothly, please clean the internal sensors regularly.

To clean the internal sensors:

1. Remove bezel by releasing mounting clips and pulling it out.
2. Release the clip and remove lower base cover plate and hood.

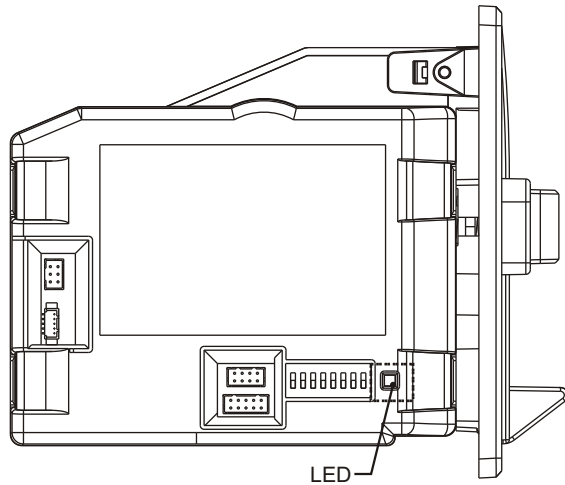


3. Open upper base cover plate and then use a soft, dry cloth or towel to clean sensors.



Do not use an organic solvent such as gasoline or paint thinner to clean the unit.

7. Trouble Shooting



LED Flashes			Status	Corrective Actions
Green	Orange	Red		
ON	N/A	N/A	Power ON	N/A
N/A	ON	N/A	INHIBIT	N/A
N/A	Flashes	N/A	I/O Test Mode	N/A
N/A	N/A	1	First coil set error	Call ICT or agents for technical support.
N/A	N/A	2	Second coil set error	Call ICT or agents for technical support.
N/A	N/A	3	Fish sensor error	Inspect for foreign objects in coin path and clean.
N/A	N/A	4	Drop sensor error	Inspect for foreign objects in coin path and clean.
N/A	N/A	5	Return sensor error	Inspect for foreign objects in coin path and clean.
N/A	N/A	6	IR sensor error	Inspect for foreign objects in coin path and clean.
N/A	N/A	7	Program error	Call ICT or agents for technical support.
N/A	N/A	Fast 2	A Stringing attempt has been detected.	Inspect for foreign objects in coin path and clean.

ict
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If the error can not be solved after corrective actions or happen again,
 please contact ICT or agents for technical support.