# EZProx Contactless Reader

User's Manual

Version 1.0

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CASTLES TECHNOLOGY

Doc.#

Confidential Level:

# Table of Contents

# Revision History

| Version | Date | Editor | Description |
|---------|------|--------|-------------|
| V1.0 | 2006.08.01 | Mindy | Created |

# WARNING

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FCC Compliance Statement:

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.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.    Such modifications could void the user's authority to operate the equipment.

# ABOUT THIS MANUAL

# 1    Introduction

The description of EZProx Contactless Reader.
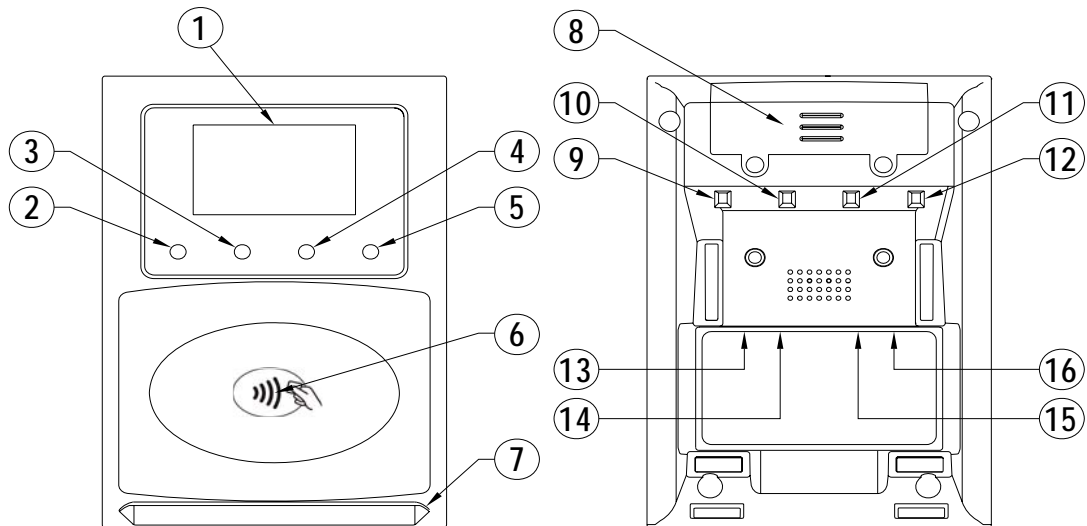


| | | | |
|---|---|---|---|
| 1 | LCD DISPLAY | 9 | RED LED |
| 2 | BLUE LED | 10 | GREEN LED |
| 3 | ORANGE LED | 11 | ORANGE LED |
| 4 | GREEN LED | 12 | BLUE LED |
| 5 | RED LED | 13 | POWER DC-JACK |
| 6 | LANDING ZONE | 14 | USB (MINI Type) |
| 7 | CARD HOLDER | 15 | COM1(RJ11) |
| 8 | SAM CARD COVER | 16 | COM2(RJ11) |

# 2    Packing List

✓    EZPROX *1
✓    45⁰ FOOT STAND *1
✓    CARD HOLDER*1
✓    SCREW*2
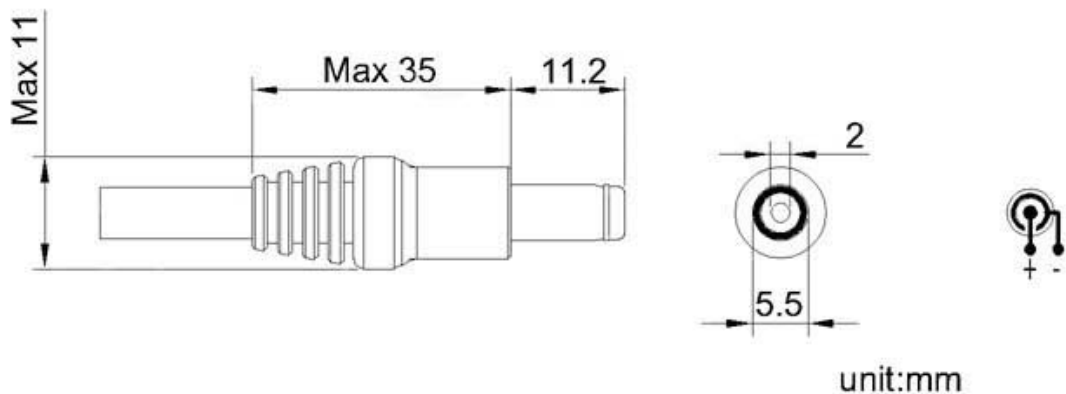✓    ADAPTER*1 *(Option)*
✓    RS232 CABLE *(Option)*

# *3*     Power

There are two ways to supply the power to the reader, please choose one of the follows:

- ✓ By external adapter 9V/500mA (through DC Jack), please refer to 4.1
- ✓ By RS232 Port1 (COM1) 5V/500mA, please refer to 4.2
- ✓ By USB Port 5V/500mA,please refer to 4.4

# *4*     Connector and PIN Assignment

## 4.1     DC Jack



unit:mm

***EZPROX DC Jack Cable***
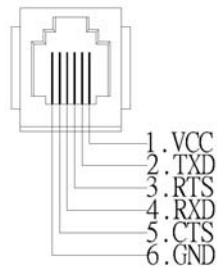AC   In           ：   Depends on local environment.
DC   Output      ：     9V/500mA

***2.0mm DC Jack Head***
Inside      ：Plus/9V(+)
Outside：GND(-)

## 4.2      RS232 Port1(COM 1)

### 4.2.1      Connector type
Standard RJ11

### 4.2.2    PIN Assignment



# 4.3    RS232 Port2(COM 2)

### 4.3.1    Connector type
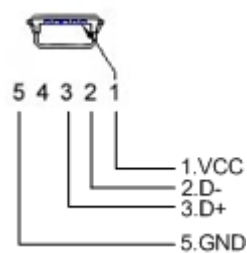Same as RS232 Port 1.

### 4.3.2    PIN Assignment
Same as RS232 Port 1.

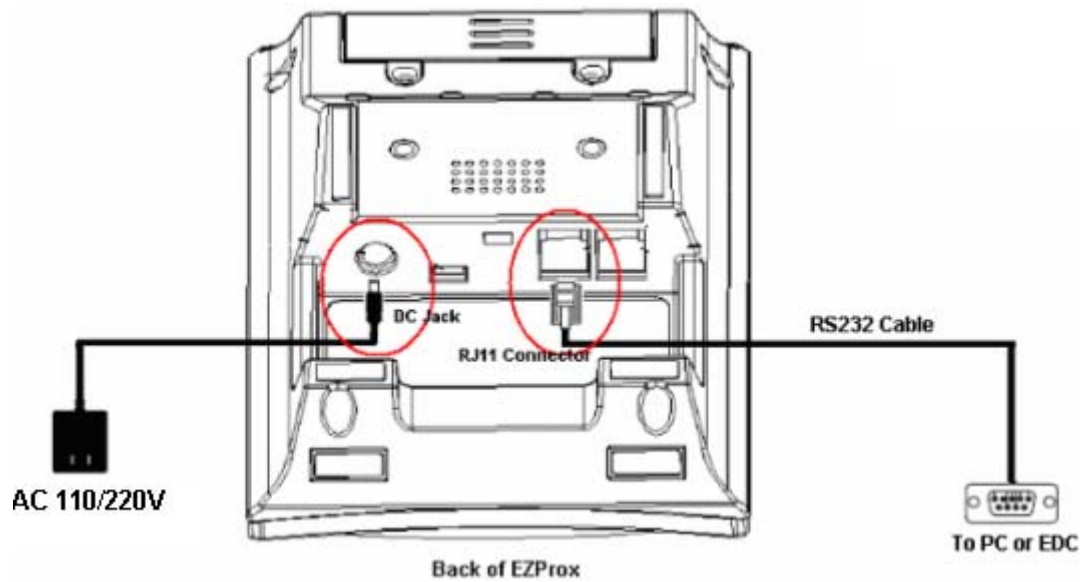# 4.4    USB Port

### 4.4.1    Connector type
Standard Mini USB type A
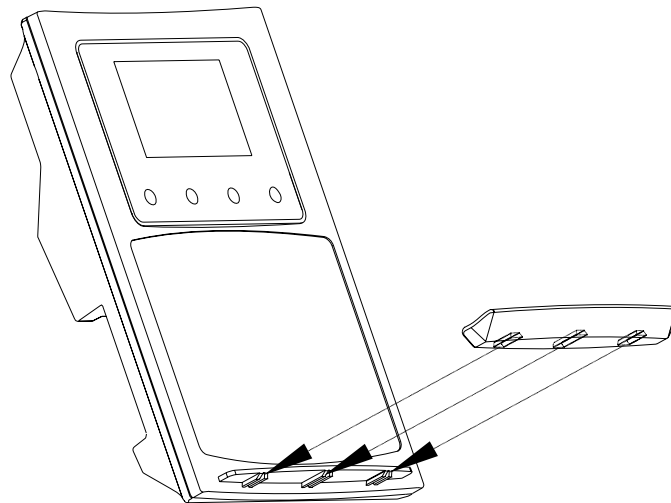
### 4.4.2    PIN Assignment
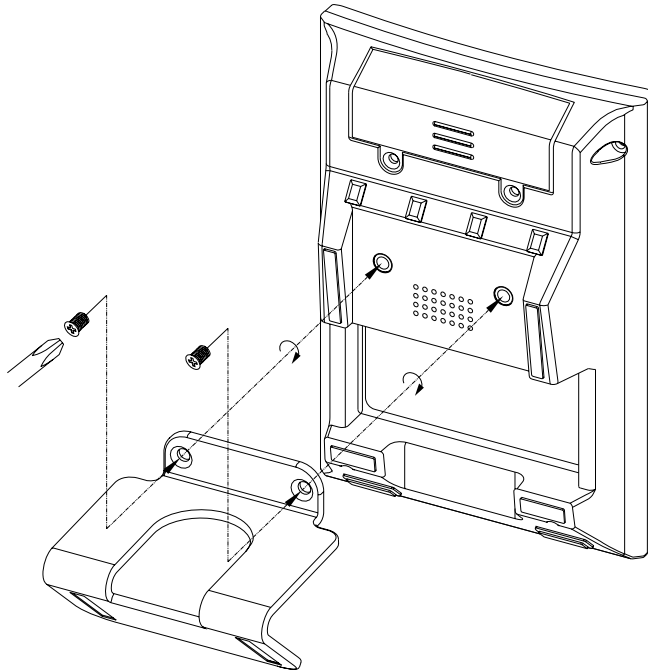
# *5*    Installation

## 5.1    Power and RS232 Cable



## 5.2    Card Holder

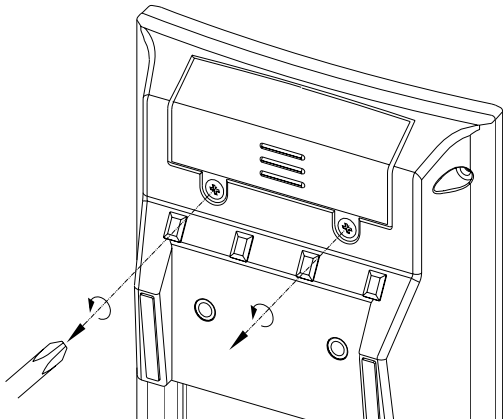# 5.3    45⁰ Foot Stand

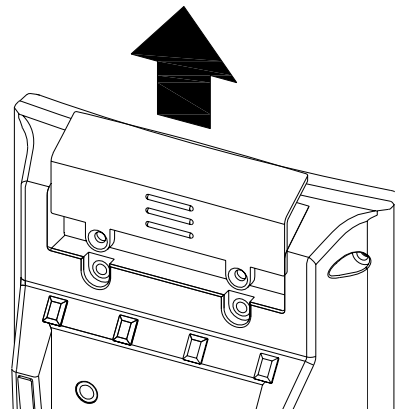User can direct put Ezprox on desk with 8⁰ angle or install this stand to make EZPROX stand with 45⁰ angle.
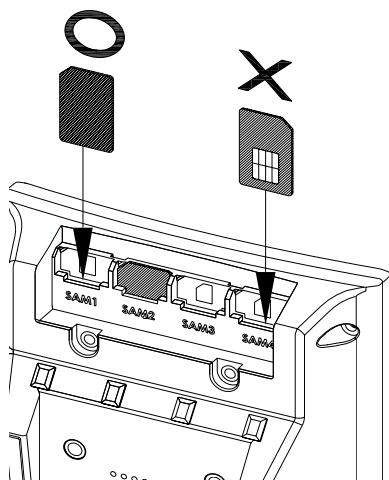
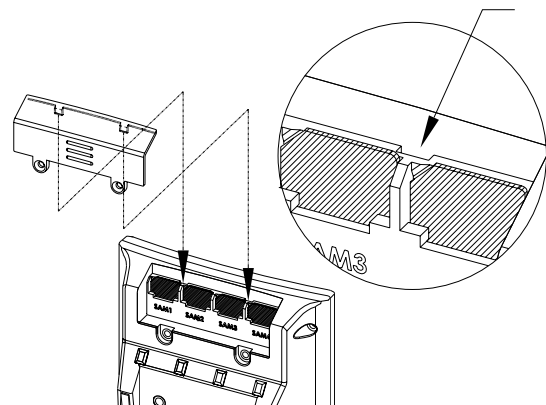# 5.4    SAM Insertion

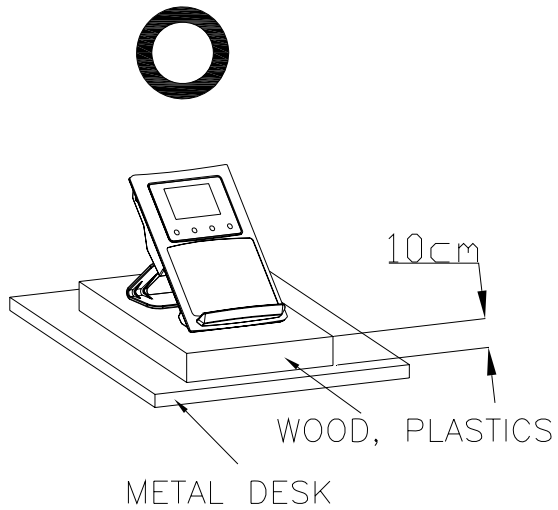**Step 1.**  Unscrew SAM Cover        **Step 2.**  Open SAM Cover
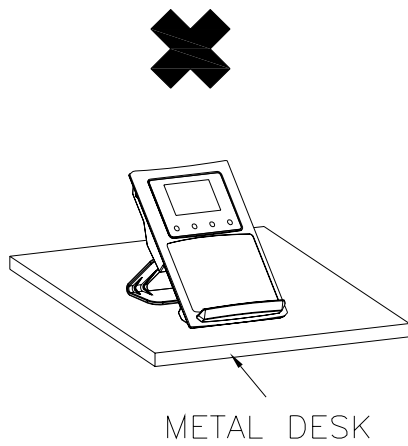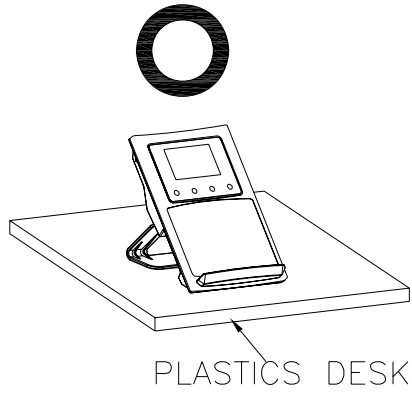
**Step 3.**  Insert SAM Card          **Step 4.**  Close SAM Cover

## 5.5    Placement Notice



WOOD DESK                    PLASTICS DESK

METAL DESK                   WOOD, PLASTICS

10cm

METAL DESK
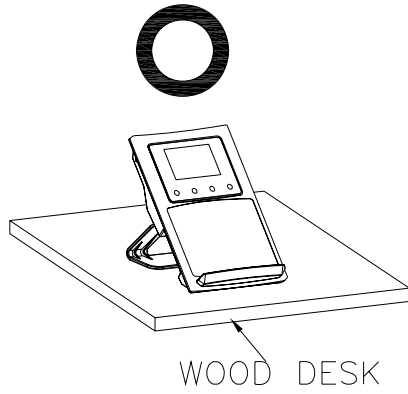
# *6*    LED Indicator

## 6.1    Front side

4 LEDs in front side.



LED4    LED3    LED2    LED1

## 6.2     Rear side
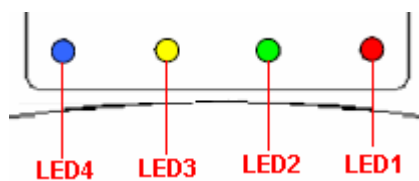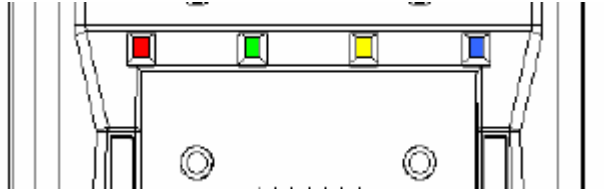
4 LEDs in rear side.



## 6.3     LED's Representation States

The state of the LED indicators described as follows:

● After EZPROX initialization and ready for transaction, the blue LED indicates terminal is ready to conduct a Contactless card ( PayPass , VisaWave , JCB or others ) ? transaction.



● Blue and yellow indicates that a card or device has been detected and the processing has started



● Blue, yellow and green indicates a <u>SUCCESS</u> reading status.



● Blue, yellow and red indicates a <u>FAILURE</u> reading status.



All of the four different coloured LEDs should not light up at the same time.


# 7      Contactless Card Landing Zone

The icon of Land Zone has printed on the center of working area, which indicate that where is the correct location to approach user's card



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