SOYAL®
ACCESS CONTROL SYSTEM
AR-723H
Access Controller
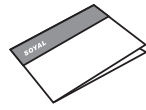FC CE MA SOR
V091001

Content & Feature

❶ Product

❷ User Guide

❸ Feature
- Simple Stand-Alone Reader
- 1 Bi-color LED & 1 Buzzer
- Built-in Watch Dog to prevent system from hanging
- The Master Card function for adding/ deleting cards

Specification

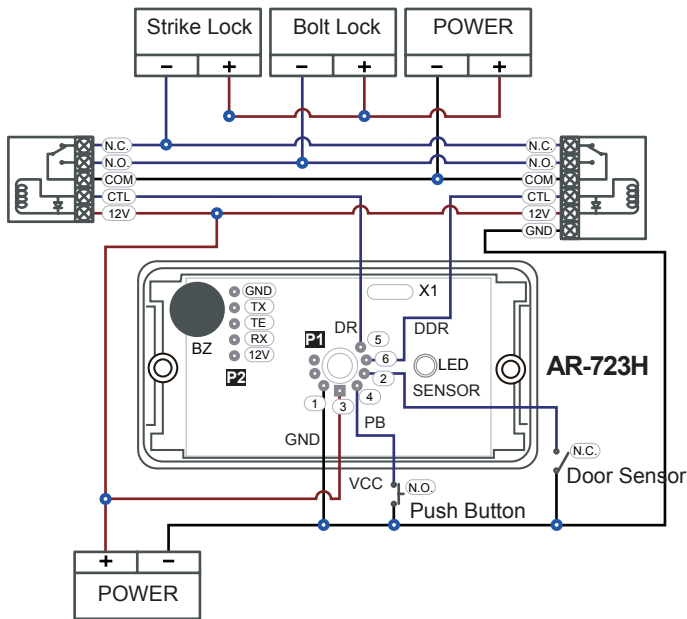| Item NO.	AR-723H
Frequency	125kHz
Voltage	9~16VDC
Power Consumption	< 1W
User Capacity	100
Operating Temperature	-20℃ to +75℃
Active Distance	8~12cm
Indicator	1 Bi-color LED & 1 Buzzer
Weatherproof	Optional
Color	Black/ Grey/ Silver/ Pearl White/ Blue/ Green/ Yellow/ Orange/ Red
Dimension(mm)	81(L) x 43(W) x 18(H)
N.W.(g)	40±5
Housing Material	ABS

Connection Table

P1.

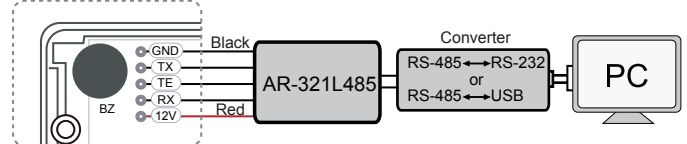| Application	Wire	Color	Description
Power	1	Black	DC 0V (GND)
Door Sensor	2	Brown	Negative Trigger Input
Power	3	Red	DC 12V
Push Button	4	Orange	Negative Trigger Input
Electronic Lock Relay	5	Yellow	Open collector output
Digital Relay	6	Green	Open collector output

P2.

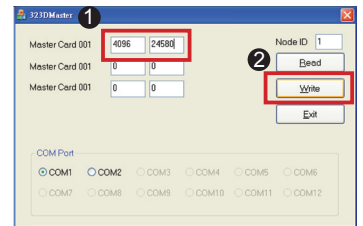| AR-723H		321L485	Color	Description
GND	⟷	TTL	Black	DC 0V (GND)
TX	⟷		Yellow	TX
TE	⟷		White	TE
RX	⟷		Orange	RX
12V	⟷		Red	DC 12V

Diagram

723H MASTER CARD Setting

- Uncover the AR-723H to find **P2**, connect **321L485** wires in order, and then connect to the computer. While connection is completed, transmit power to the controller.

- Use the MASTER CARD software

  323DMaster

- Input the MASTER CARD number, and press [Write].

- Cut off and tranmit the power. Activate master the card number.

- Present the card, and the reader will flash green light 3 times and sound 3 beeps. Then the card becomes MASTER CARD and accesses programming mode.If MASTER CARD is presented again, it will exit programming mode.

About Master Card

Adding Tag

Step 1. Step 2. ♪x3

1. Present Master Card

2. After 3 short beeps [Access programming mode]

3. Present one new card at a time

Step 3. (NEW) Step 4.

4. Present Master Card [Exit programming mode]

Deleting All Tags

Step 1. Step 2. ♪x3

1. Present Master Card

2. After 3 short beeps [Access programming mode]

Step 3. (2 sec) Step 4. (5 sec) ♪x5

3. 1 long warning beep after 2sec.

4. 5 short beeps after 5sec: cards cleared

P.S. Once MASTER CARD is presented after one warning beep, all card data will be cleared.