XtendLan

DPA-RLC CONTROL UNIT
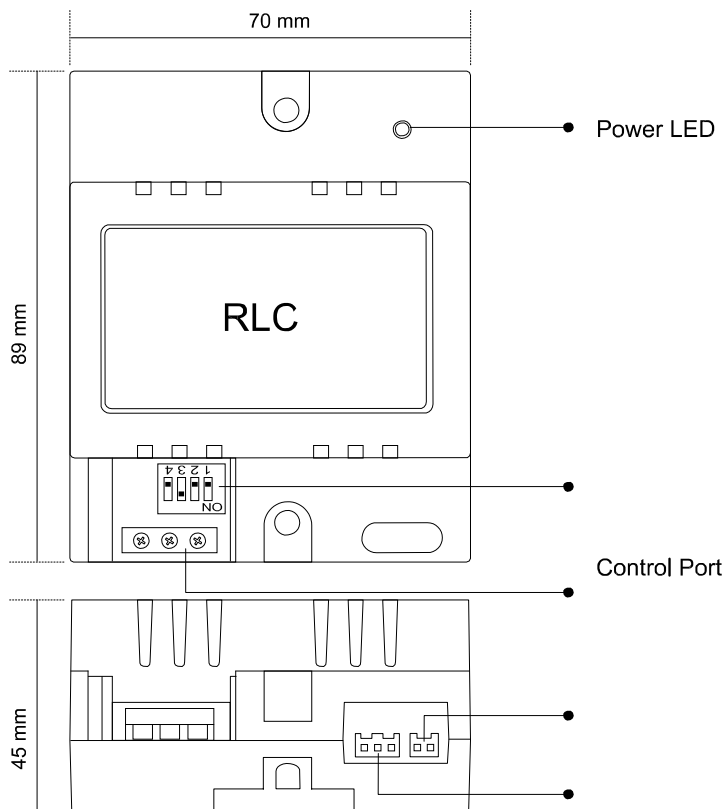
USER MANUAL

CONTENT

L

1. ONLY the monitor with Touch Screen supports the DPA-RLC.
2. The Lights demonstrate in this manual are NOT included in the product, you can use any kind of lights.
3. The Locks demonstrate in the manual are NOT included in the product, you can use any kind of e-locks。

1. Function Introductions

70 mm

89 mm

45 mm

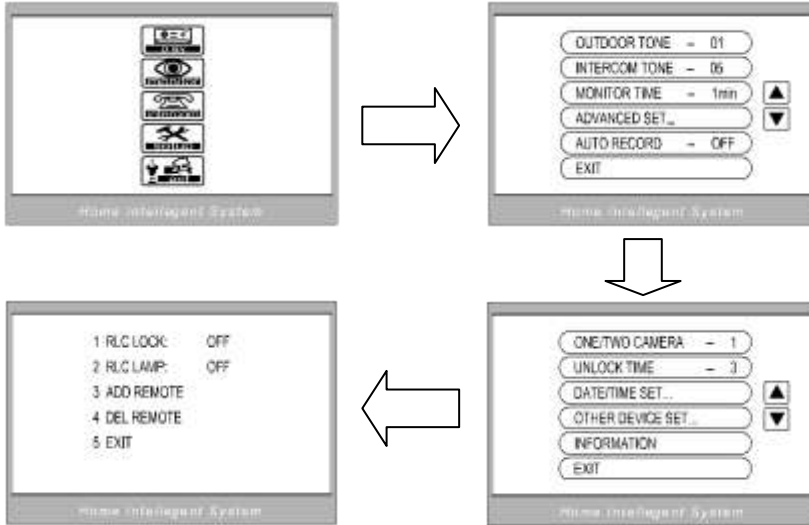RLC

Power LED

Control Port

1. The DPA-RLC unit is used to connect and control additional front door e-lock or lights.

   You can open the door or light both by the monitor and the additional buttons.

2. Different operation mode can be used. You can manually turn the light on and off, or select the light-on duration time between 1 minute / 3 min / 5 min / 10 min.

3. All settings are easily done by the DIP switches.

4. Achieve both Light control and Lock control by apply 2 DPA-RLCs in the system.

L You can only select one of the two functions when using one DPA-RLC, either Light control or Lock control. 2 DPA-RLCs must be used if you need both functions at your system!

2. Necessary Settings on Monitor

To enable the DPA-RLC, the following settings on the monitor must be set: When the monitor is in standby, select and enter MAIN Æ SETUP Æ ADVANCED SET

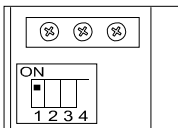Æ OTHER DEVICE SET… Æ PASSWORD, to get into the DPA-RLC setting page:

Press the item on the screen(DPA-RLC LOCK or DPA-RLC LAMP) to turn the function on and off. Then press EXIT to exit out.
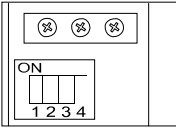
3. DIP Switches Definition

1. DIP settings for lock. (The first switch set to ON)

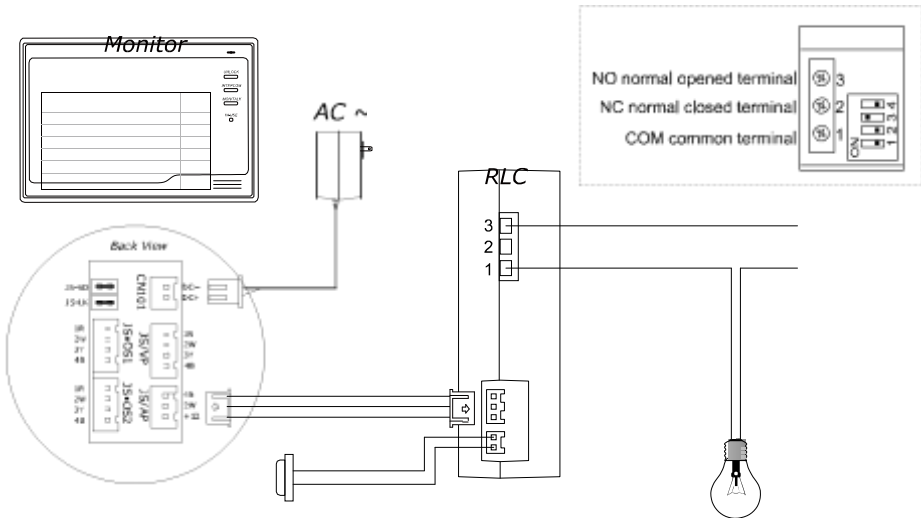| S1	S2	S3	S4	Unlock Time
ON	X	ON	ON	1 second
ON	X	OFF	ON	3 seconds
ON	X	ON	OFF	5 seconds
ON	X	OFF	OFF	10 seconds

2. DIP settings for light. (The first switch S1 set to OFF)

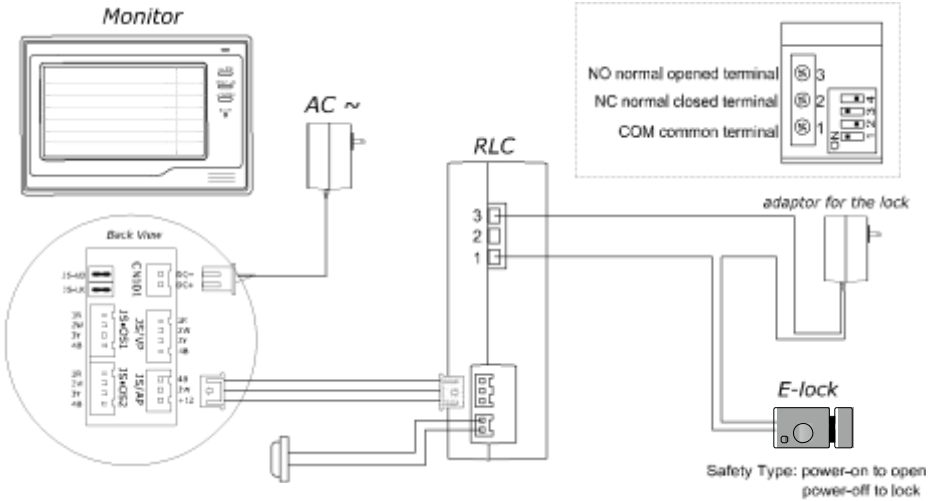| S1	S2	S3	S4	Light-on Time
OFF	ON	X	X	manually
OFF	OFF	ON	ON	1 minute
OFF	OFF	OFF	ON	3 minutes
OFF	OFF	ON	OFF	5 minutes
OFF	OFF	OFF	OFF	10 minutes

Note: When the value is "X" *in the table, it means that specific bit can be set randomly, and will not affect the setting. The* "manually" *in the Light-on Time means if you set to this mode, you have to turn the light on/off manually by the monitor or the external button, the light will not turn off automatically. You can change the settings any time after the DPA-RLC is installed. (Make sure the power is turned off when setting the DPA-RLC)*

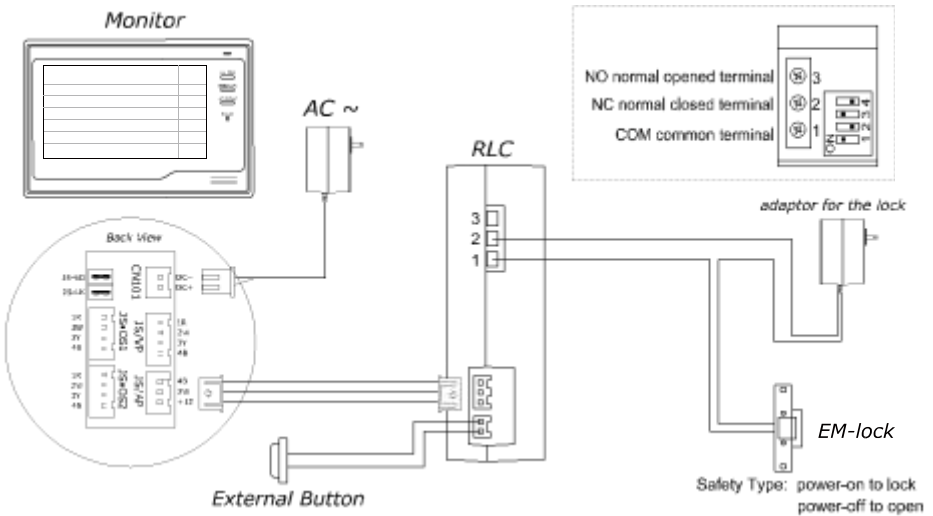## 4. DPA-RLC Connections for Light Control

L The External Button is not include in the product, you can use any kind of the buttons.

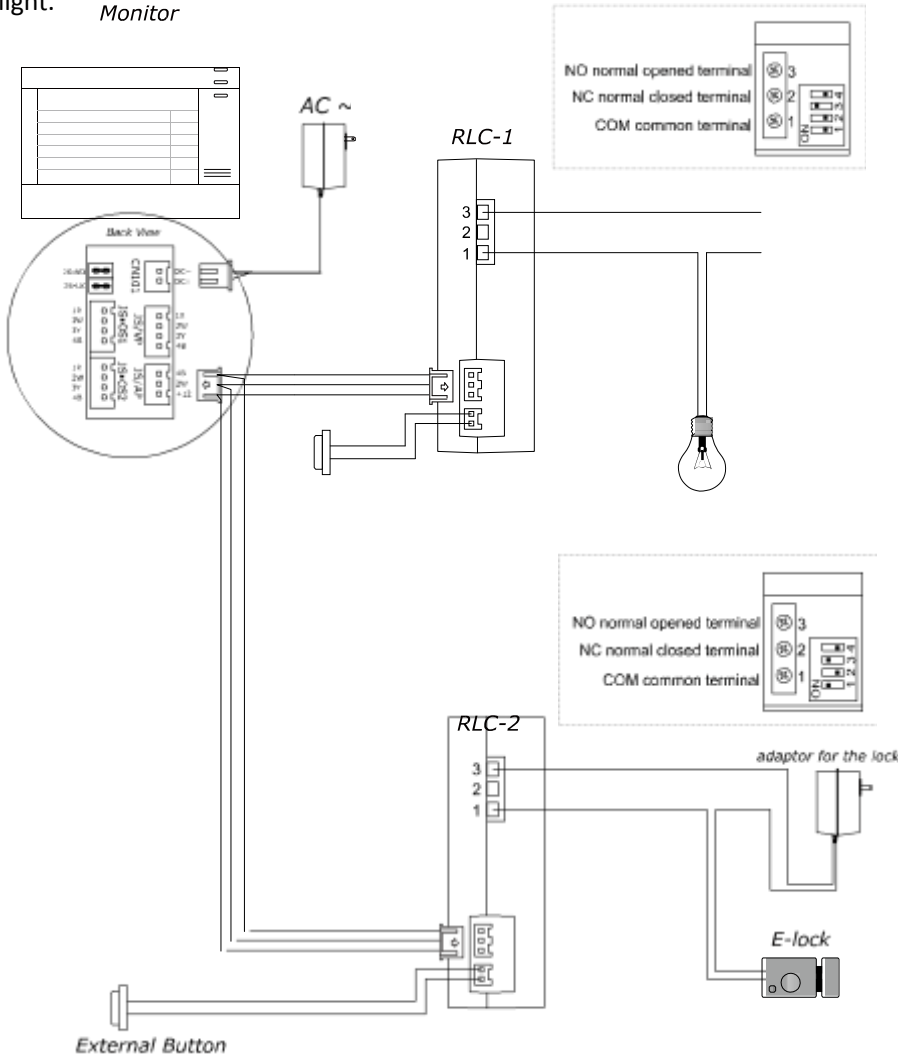## 5. DPA-RCL Connections for E - Lock *(Power-to-Open)*

Monitor

AC ~

RLC

NO normal opened terminal 3
NC normal closed terminal 2
COM common terminal 1

Back View

3
2
1

adaptor for the lock

E-lock

Safety Type: power-on to open
power-off to lock

6. Connections for E-magnetic Lock *(Power-off-to-Open)*

Monitor

AC ~

RLC

NO normal opened terminal 3
NC normal closed terminal 2
COM common terminal 1

Back View

3
2
1

adaptor for the lock

EM-lock

Safety Type: power-on to lock
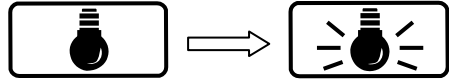power-off to open

External Button
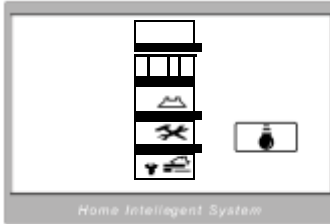
7. Connecting 2 RLCs

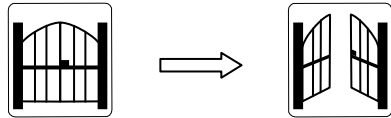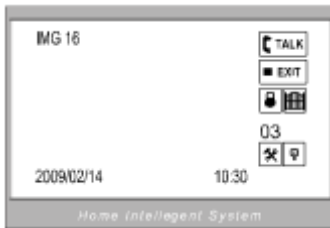You can connect 2 DPA-RLCs to control both the front door lock and light.

Note: *The lock used in this connection map is a normal electronic lock, you can also use electromagnetic lock, the connecting method should be according section 6 (Connections for E-magnetic lock)*

8. How to Operate the RLC

1. After you enable the DPA-RLC Lamp and(or) DPA-RLC Lock functions, the UI(user interface) will change: there will be a Light icon in Main page, and(or) a Front Door icon in the monitor page(beside the Lock icon). As show bellow:

Press the icon to turn on the light, the icon will change to lightened, press again to turn it off. Or, the light will closed automatically according the settings of the DPA-RLC.

Press the icon to turn open the lock, the icon will change to opened, it will closed after certain time, according the settings of the DPA-RLC.

2. You can also turn on and off the light or lock by the external button(s):

Precautions and Specifications:
— Indoor use only!
— Power supply: DC 15~18V (supplied by Monitor)
— Mounting method: Slide Bar mounting
— Dimensions: 89(H)×70(W)×45(D) mm