



Using Interlock in ZKAccess

ZKAccess provides an Interlock function. It can be set for any two or more locks belonging to one access control panel, so that when one door is opened, the others are closed. You can open only one door when the others are closed.

Before setting the Interlock, please make sure the door sensor type has been set. This is set by editing the details of the door in the [Access Control—Door Configuration] interface.

Setting Interlock

Click [Interlock Settings] in the [Access Control—Door Configuration] interface.

The screenshot shows the ZKAccess5.0 web interface. The 'Door Configuration' tab is active, displaying a table of door configurations. The 'Interlock Settings' option in the left sidebar is highlighted with a red box.

| Device name | Communication mode | Ip address | Serial port no. | Rs485 address | Status | Enable | Recent online time | Device model | User quantity | Fingerp |
|---------------|--------------------|---------------|-----------------|---------------|--------|--------|---------------------|--------------|---------------|---------|
| 192.168.3.201 | TCP/IP | 192.168.3.201 | | | | | 2011-08-08 16:46:02 | | | |

| Door number | Door name | Door active time zone | First-Card Normal Open | Multi-Card Open |
|-------------|-----------------|-----------------------|------------------------|----------------------|
| 1 | 192.168.3.201-1 | 24-Hour Accessible | Quantity Set:0 Set | Quantity Set:0 Set |
| 2 | 192.168.3.201-2 | 24-Hour Accessible | Quantity Set:0 Set | Quantity Set:0 Set |
| 3 | 192.168.3.201-3 | 24-Hour Accessible | Quantity Set:0 Set | Quantity Set:0 Set |
| 4 | 192.168.3.201-4 | 24-Hour Accessible | Quantity Set:0 Set | Quantity Set:0 Set |

Click the [Add] option.

The screenshot shows the 'Interlock Settings' page in the ZKAccess5.0 interface. The 'Add' button is highlighted with a red box.

| Device | Interlock setting information |
|--------|-------------------------------|
|--------|-------------------------------|



The interface will appear as follows. Select the device for which the doors need to be interlocked.

Note: Since one device supports only one Interlock setting record, when adding, interlocked devices can not be seen in the dropdown list of the device. The setting option will vary with the number of doors controlled by the selected device.

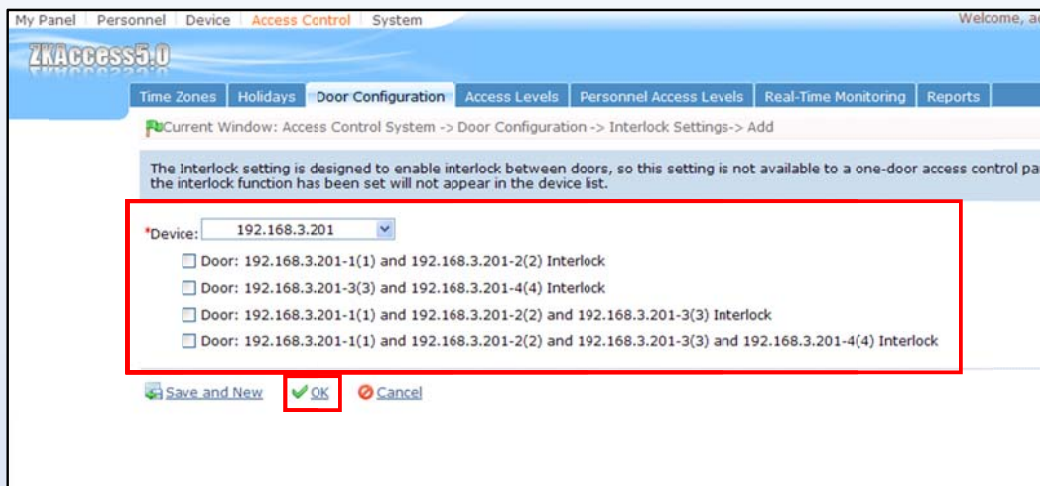
Here is the setting option list for devices with different numbers of doors:

A one-door control panel has no interlock settings;

A two-door control panel: 1-2 two-door interlock settings;

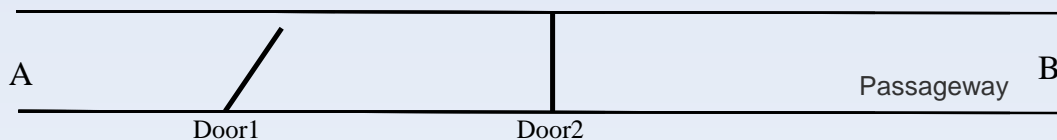
A four-door control panel: 1-2 two-door interlock, 3-4 two-door interlock, 1-2-3 three-door interlock, 1-2-3-4 four-door interlock.

Below is an example a four-door control panel.



As indicated in the list, there are four Interlock setting schemes in this four-door control panel. Select the doors that need to be interlocked and click [OK] to complete the setting.

For example: Once 1-2 two-door interlock scheme is selected, it will work as follows:



As the schematic shows, both doors in the passageway can be opened only when another door is closed. In this way, one secure place is created to avoid an intruder. This function is commonly used in banks.