

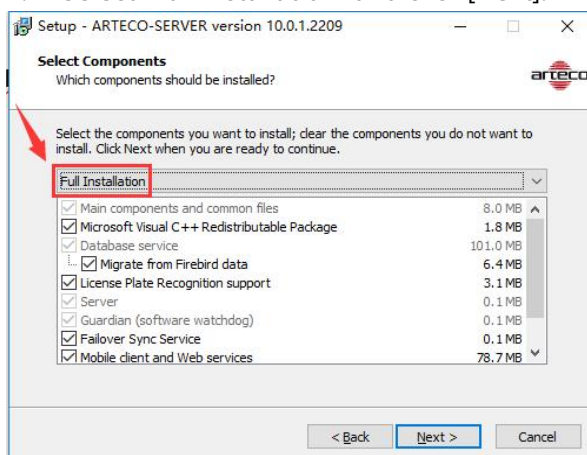
ZKBio CVSecurity Integrated Artec User Manual

CONTENT

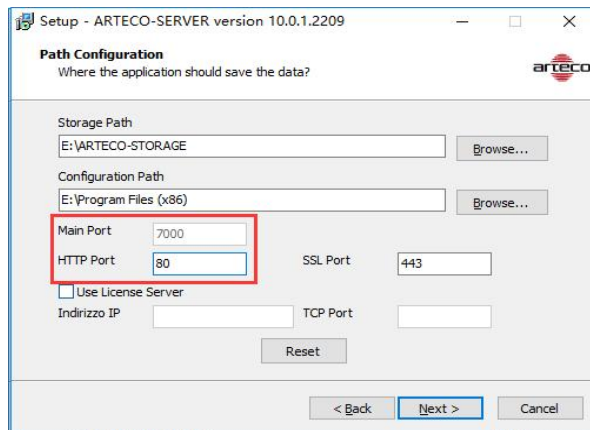
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I. Install Artec

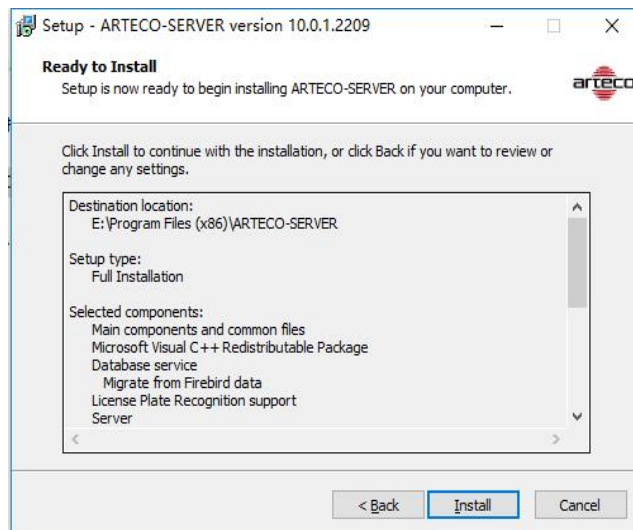
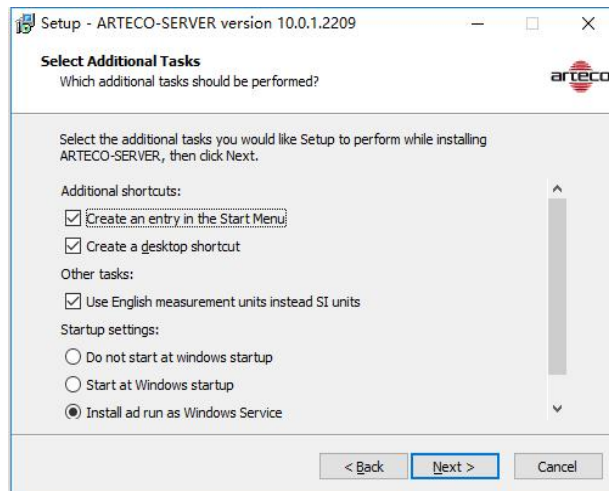
1. Select "Full Installation" and click [Next].



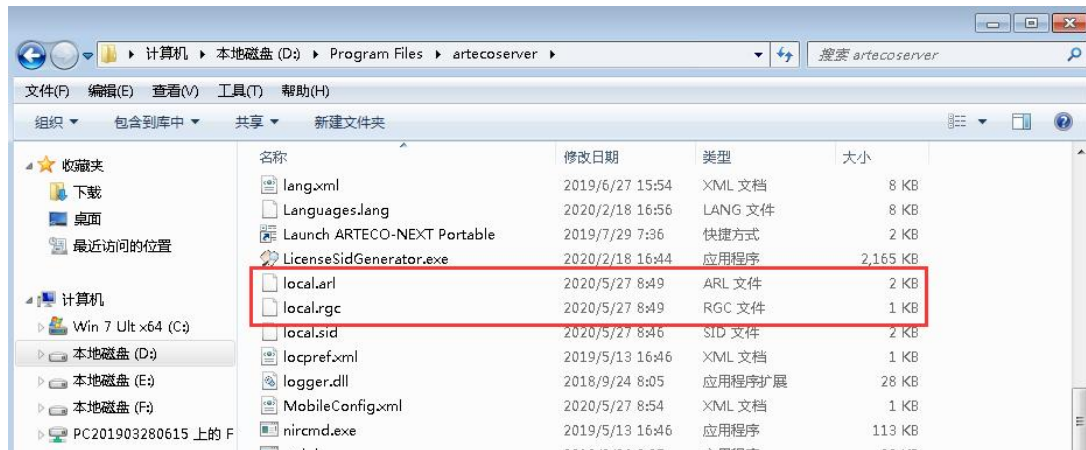
2.Keep default options. Click [Next].



3.Click [Next] and [Install].



4.Activate Artec Server. Put activation files in the installation path.



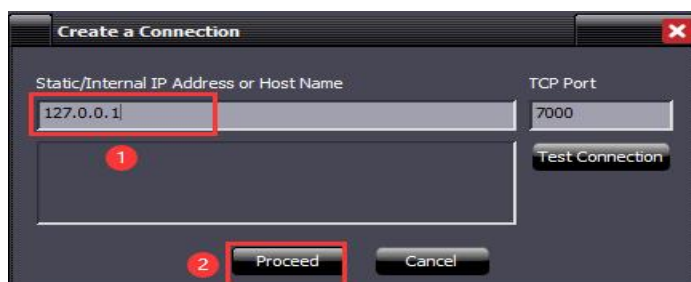
5. Open "Arteco-Console". Click [Restart Server], all service states are running for activation success.



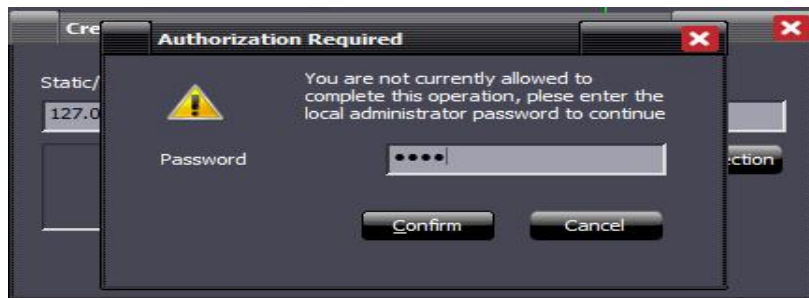
II. Configure Arteco Server

1. Login Arteco Server.

(1). First open "Arteco Next", prompt "Create a Connection". If it's a local server, "Host Name" filled in 127.0.0.1. Click [Proceed].

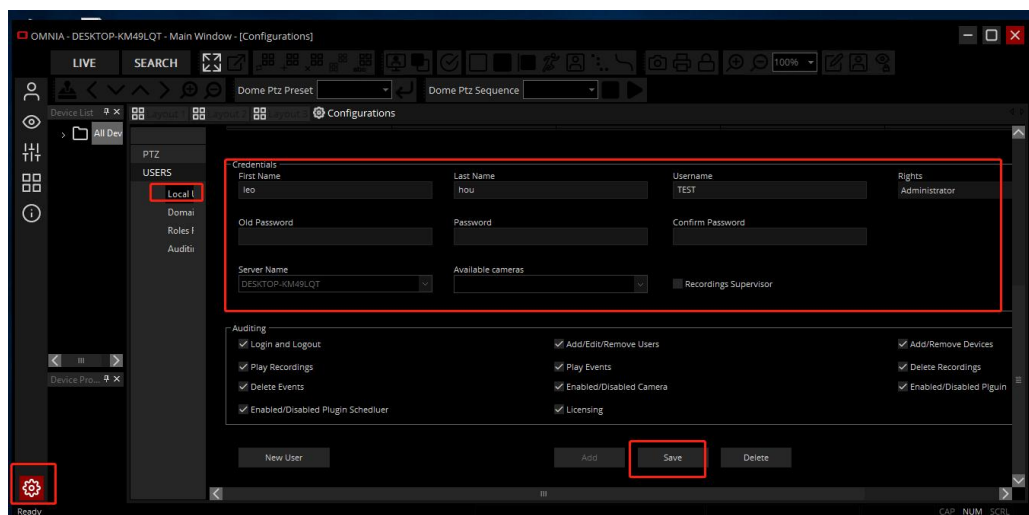


(2).Next, prompt “Authorization Required”, enter the default administrator password 1234. Click [Confirm].



2.Add a new user.

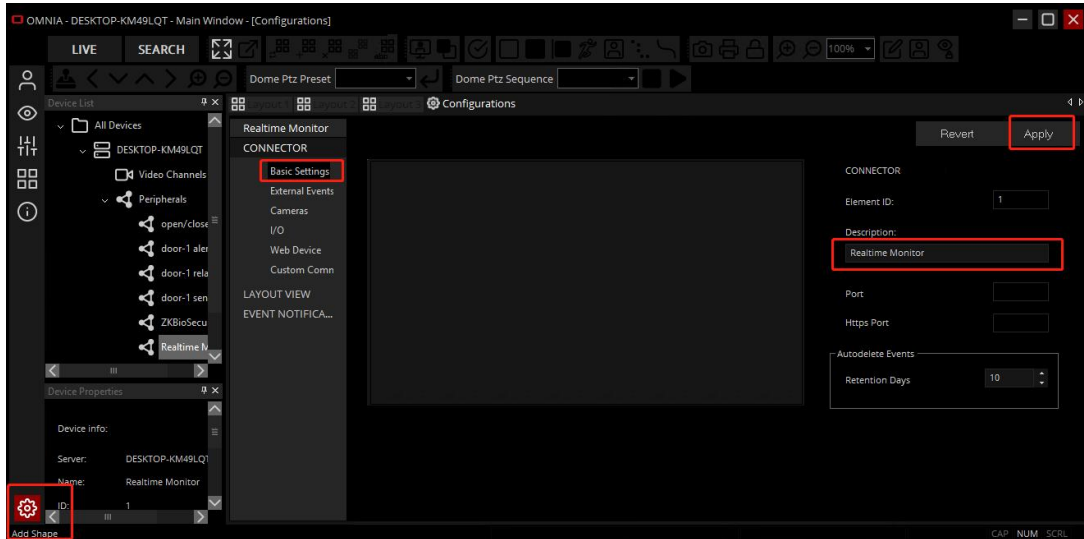
Login succeeded, you can choose to change the administrator password and add a new user for connector.



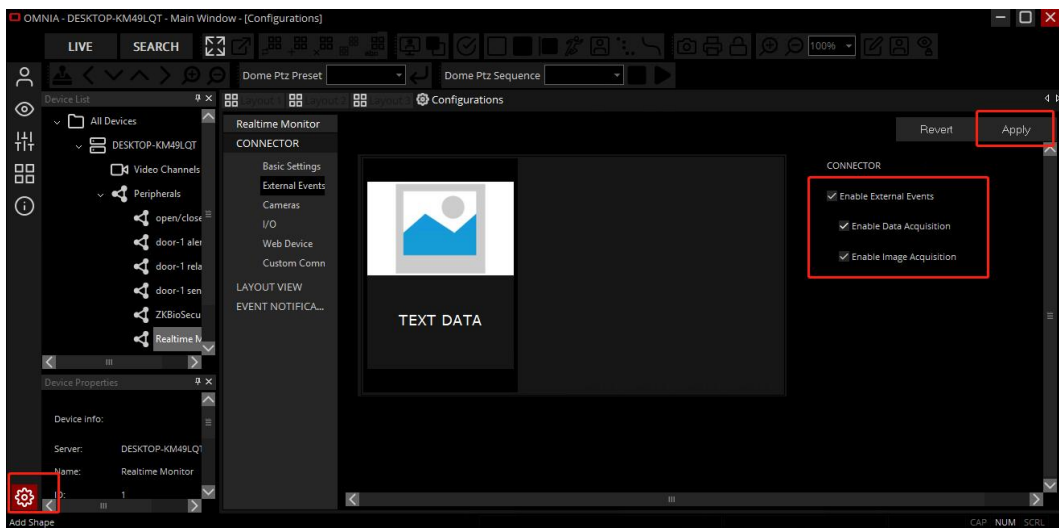
3.Enter “Setup” menu. Add peripherals.

3.1 Choose [Peripherals] -> [Add New] -> [Connector].

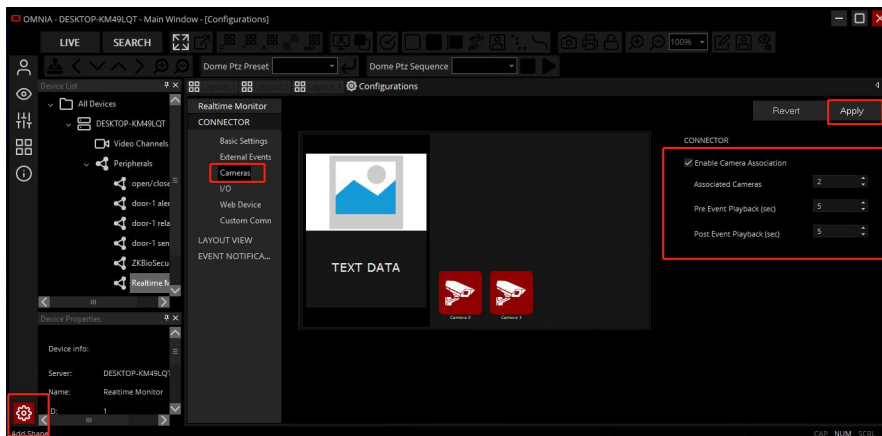
(1).Open [Basic Setting] page. Set the “Description” as “Realtime Monitor”. Click [Apply].When you add this connector on ZKBio CVSecurity, you need input this “Element ID”.



(2).Open [External Events] page. Select “Enable External Events”, “Enable Data Acquisition” and “Enable Image Acquisition”. Click [Apply]. Then you will see user photo, logs and so on under real-time monitoring interface.

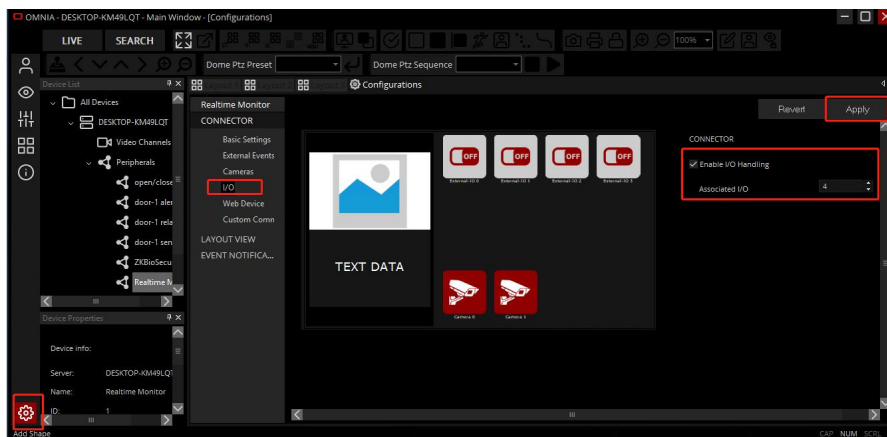


(3).Open [Cameras setting] page. You can add a shortcut icon which can be used to review video and enter video monitoring.

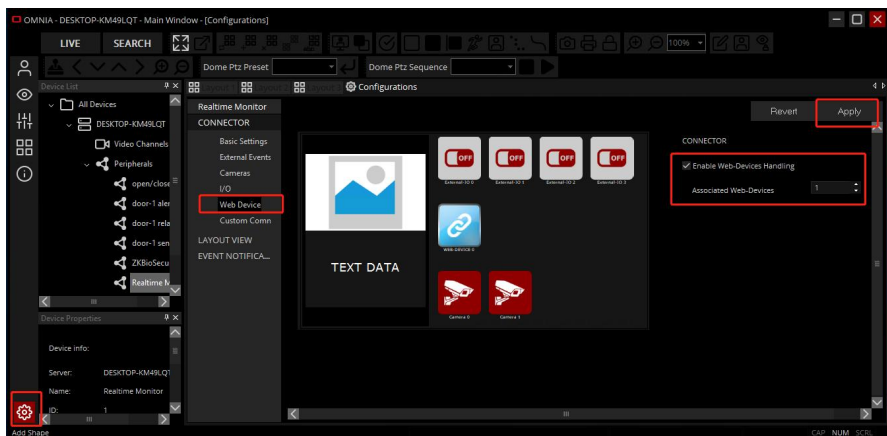


(4).Open [I/O] page. Select “Enable I/O Handling”. Set “Associated I/O” as 4, which is used to

remote opening door under "Realtime Monitor". Click [Apply].



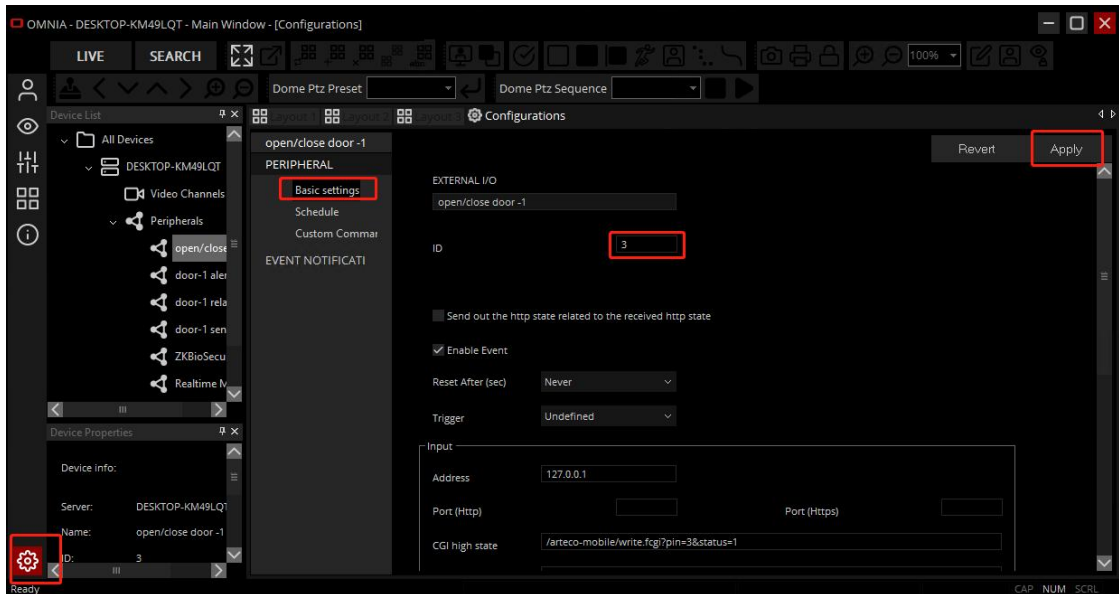
(5).Open [Web Device] page. Which is used to remote opening door under "realtime monitoring". Click [Apply].



3.2 Choose [Peripherals] -> [Add New] -> [I/O CONTROLLER] -> [ARTECO] -> [EXTERNAL I/O].

Add 4 "EXTERNAL I/O": open/ closeddoor-1, door-1 sensor, door-1 alarm and door-1 relay. When you add a door on ZKBioCVSecurity and you want to show it on Artec, then you need to input the ID of corresponding "EXTERNAL I/O".

(1).Add open/close door.



Output:

Address: The IP address of ZKBio CVSecurity server.

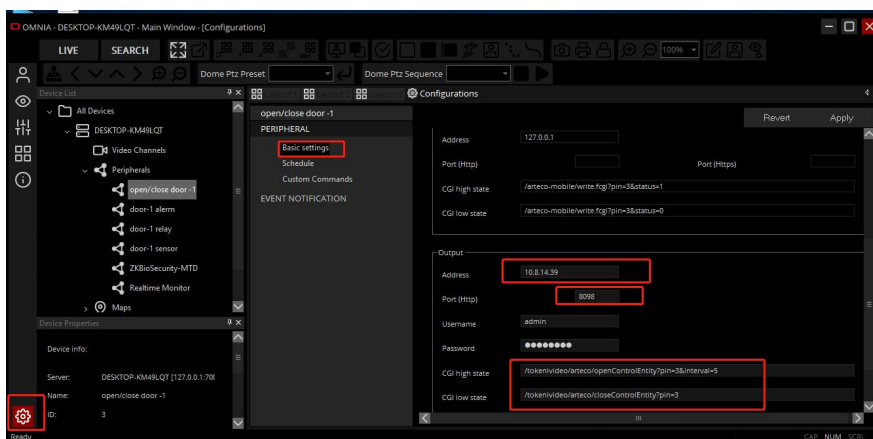
Port: The port of ZKBio CVSecurity.

CGI high state: /tokenivideo/arteco/openControlEntity?pin[]&interval=5

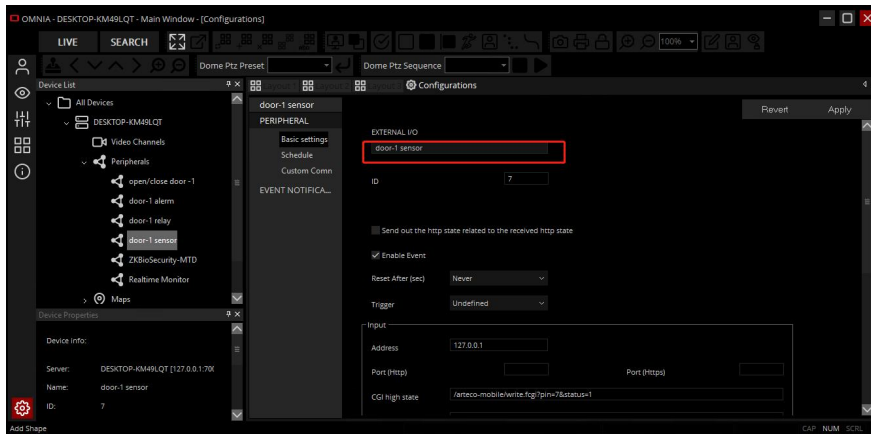
CGI low state: /tokenivideo/arteco/closeControlEntity?pin=[]

Notes:

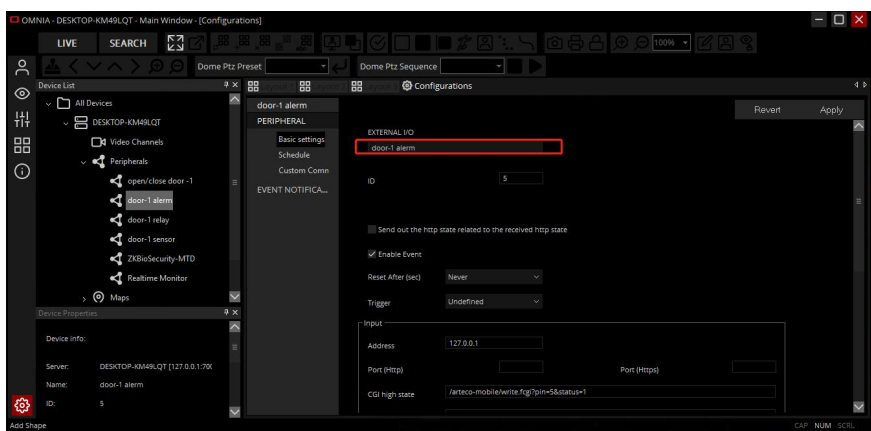
- Set CGI high/low state URL Output make sure the pin as same as the pin of Input.
- You can change the "interval" value ranges from 1 to 255. That means, when you set it to 5, the door will open for 5s. If you set it to 255, the door will be kept open always.
- Please input following linkage in the blank behind "CGI low state", then you can remote close the door.



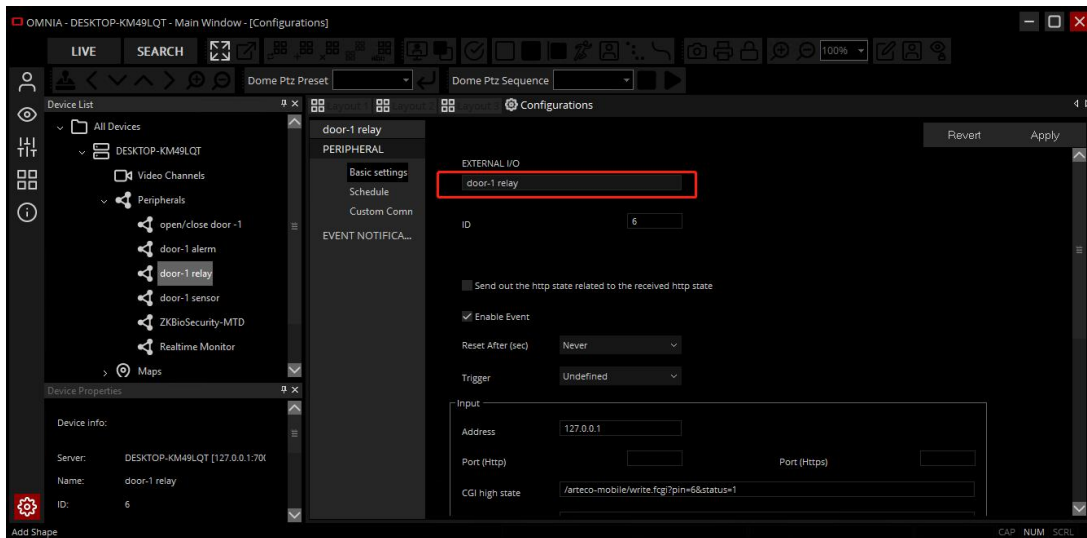
(2).Add door-1 sensor.



(3).Add door-1 alarm.

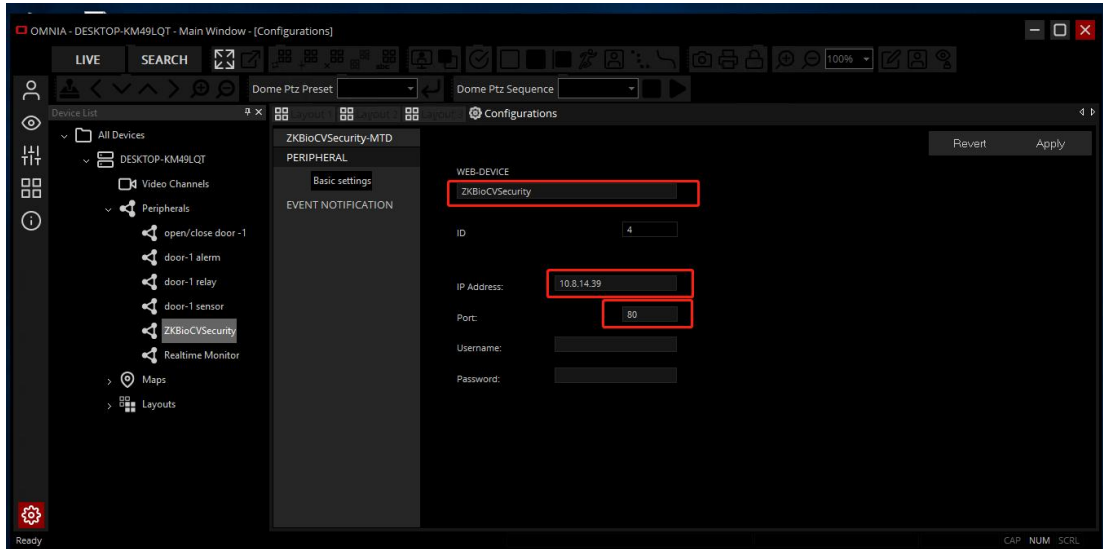


(4).Add door-1 relay.



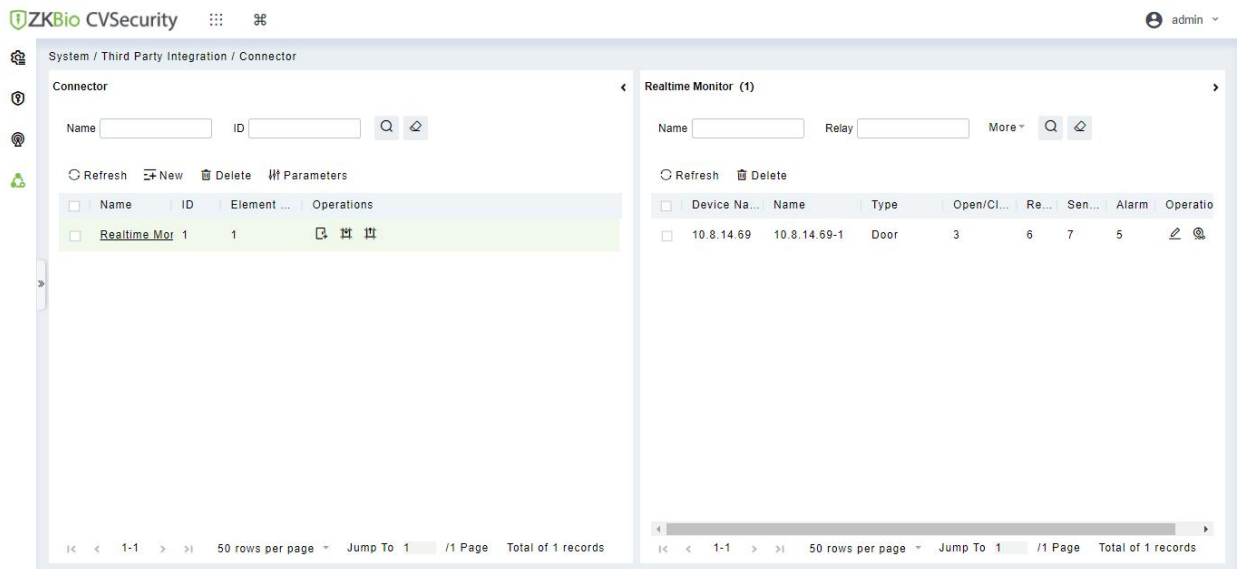
3.3 Choose [Peripherals] -> [Add New] -> [WEB-DEVICE].

Open Basic settings, set "WEB-DEVICE" as "ZKBio CVSecurity", input "IP Address" and "Port" of ZKBio CVSecurity. Click [Apply]. You can use this WEB-DEVICE as a shortcut linkage of ZKBio CVSecurity on Arteco system.



III. Setting ZKBio CVSecurity

Choose [System] → [Third Party Integration] → [Connector]. You need to apply the "ARTCECO" license to activate this part.



(1). Click [Parameters]. The Parameters page is displayed.

The screenshot shows a dialog box titled 'Parameters' with a close button (X) in the top right corner. Inside the dialog, there is a section titled 'Video Server Settings' containing the following fields:

Server Type	Arteco
Server IP	10.8.14.51
Server Port	80
Username	TEST
Password	****
BioSecurity Domain	http://10.8.14.39:8098 ?
Sends Event Interval	500 ms

At the bottom of the dialog, there are two buttons: 'OK' (highlighted in green) and 'Cancel'.

The fields are described as follows:

Server IP: Arteco Server IP.

Server Port: Arteco Server Port.

Username: Arteco User Username.

Password: Arteco Server User Password.

BioSecurity Domain: ZKBio CVSecurity Server IP Address.

(2).Click [New]. The NEW page is displayed.

The screenshot shows a dialog box for adding a new door. It contains the following fields:

Name*	Realtime Monitor
ID*	1
WebDevice ID	4

At the bottom of the dialog, there are two buttons: 'OK' (highlighted in green) and 'Cancel'.

The fields are described as follows:

Name: Arteco CONNECTOR Name.

ID: Arteco CONNECTOR Element ID.

WebDevice ID: Arteco WEB-DEVICE ID.

(3).Add doors to Connector. Click [Edit] to set the ID and shortcut icon of the door, and the ID should be same with the ID of the corresponding EXTERNAL I/O on Arteco.The icon must correspond to the icon on the ARTECO.

ZKBio CVSecurity admin

System / Third Party Integration / Connector

Connector

Name ID Q ↻

Refresh New Delete Parameters

Name	ID	Element ...	Operations
Realtime_Mor 1	1		

50 rows per page Jump To 1 /1 Page

Realtime Monitor (1)

Name Relay More Q ↻

Refresh Delete

Device Na...	Name	Type	Open/Cl...	Re...	Sen...	Alarm	Operations
10.8.14.69	10.8.14.69-1	Door	3	6	7	5	

50 rows per page Jump To 1 /1 Page Total of 1 records

Edit ✕

Open/Close Door ID

Open/Close Door Icon

Relay ID

Relay Icon

Door Sensor ID

Door Sensor Icon

Alarm ID

Alarm Icon

(4).Click [Video Channel]. Add two cameras.

ZKBio CVSecurity admin

System / Third Party Integration / Video Channel

Name ID Q ↻

Refresh New Delete

<input type="checkbox"/>	Name	ID	Icon	Operations
<input type="checkbox"/>	carnea2	2		
<input type="checkbox"/>	carnea1	1		

50 rows per page Jump To 1 /1 Page Total of 2 records

(5).Click [Bind/Unbing Camera]. Add camera to door.

ZKBio CVSecurity admin

System / Third Party Integration / Connector

Connector

Name ID Q ↻

Refresh New Delete Parameters

<input type="checkbox"/>	Name	ID	Element C...	Operations
<input type="checkbox"/>	Realtime Moni	1		

Realtime Monitor (1)

Name Relay More Q ↻

Refresh Delete

<input type="checkbox"/>	Device Name	Name	Type	Open/Clo...	Rel...	Sensor	Alarm	Operations
<input type="checkbox"/>	10.8.14.69	10.8.14.69-1	Door	3	6	7	5	

50 rows per page Jump To 1 /1 Page Total of 1 records

Bind/Unbind Camera

Name ID Q ↻

Alternative

<input type="checkbox"/>	Name	ID
No data		

Selected(2)

<input type="checkbox"/>	Name	ID
<input type="checkbox"/>	carnea2	2
<input type="checkbox"/>	carnea1	1

50 rows per page

OK Cancel

(6).Finally, Reboot ZKBio CVSecurity Service.

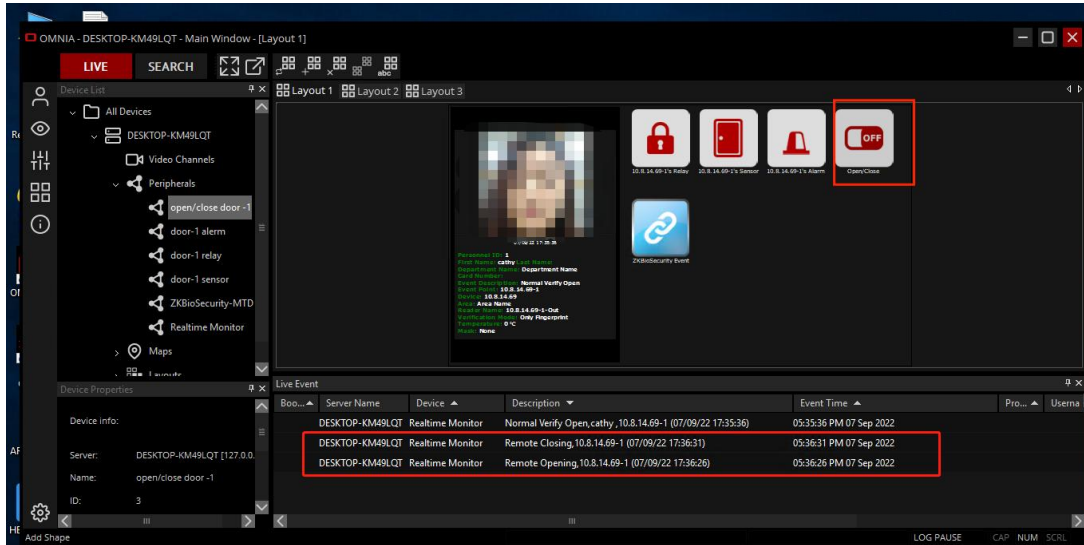
名称	PID	描述	状态	工作
AudioSrv	768	Windows Audio	正在运行	Local
AxInstSV		ActiveX Installer (AxInstSV)	已停止	AxInst
BDESVC		BitLocker Drive Encryption Service	已停止	netst
BFE	1216	Base Filtering Engine	正在运行	Local
BioPlatform Cache Service	1032508	BioPlatform Cache Service	正在运行	暂缺
BioPlatform Camera Service	1785500	BioPlatform Camera Service	正在运行	暂缺
BioPlatform Core Service	2444336	BioPlatform Core Service	正在运行	暂缺
BioPlatform Database Service	670016	BioPlatform Database Service	正在运行	暂缺
BioPlatform Dependent Business Service	2345208	BioPlatform Dependent Business Service	正在运行	暂缺
BioPlatform DetectFace Service	2334996	BioPlatform DetectFace Service	正在运行	暂缺
BioPlatform Finger Service	1261356	BioPlatform Finger Service	正在运行	暂缺
BioPlatform ISSOnline Service	2376472	BioPlatform ISSOnline Service	正在运行	暂缺
BioPlatform Online Protect Service	107060	BioPlatform Online Protect Service	正在运行	暂缺
BioPlatform Video Service	140136	BioPlatform Video Service	正在运行	暂缺
BioSecurity Ocr Service		BioSecurity Ocr Service	已停止	暂缺
BITS	876	Background Intelligent Transfer Service	正在运行	netst
Browser	876	Computer Browser	正在运行	netst
bthserv		Bluetooth Support Service	已停止	bthst
CertPropSvc	876	Certificate Propagation	正在运行	netst
clr_optimization_v2.0.50727_32		Microsoft .NET Framework NGEN v2.0.50727...	已停止	暂缺

IV. Test Function

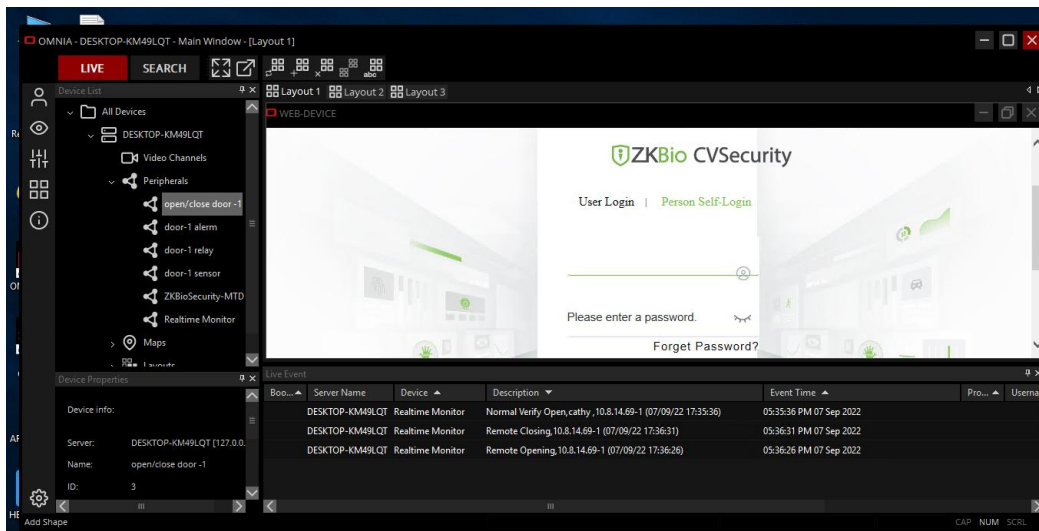
1.Receive Access Realtime Event records, it includes of Temperature and Mask info.

The screenshot shows the ZKBioSecurity software interface. The main window displays a live video feed of a person. Below the video, there are several status icons: a padlock (locked), a red door (closed), a bell (alarm), and a red 'OFF' button. A 'ZKBioSecurity Event' window is open, displaying a list of events. One event is highlighted with a red box: 'DESKTOP-KM49LQT Realtime Monitor Normal Verify Open_cathy,10.8.14.69-1 (07/09/22 17:35:36) 05:35:36 PM 07 Sep 2022'. The interface also includes a 'Device List' on the left and a 'Device Properties' panel at the bottom left.

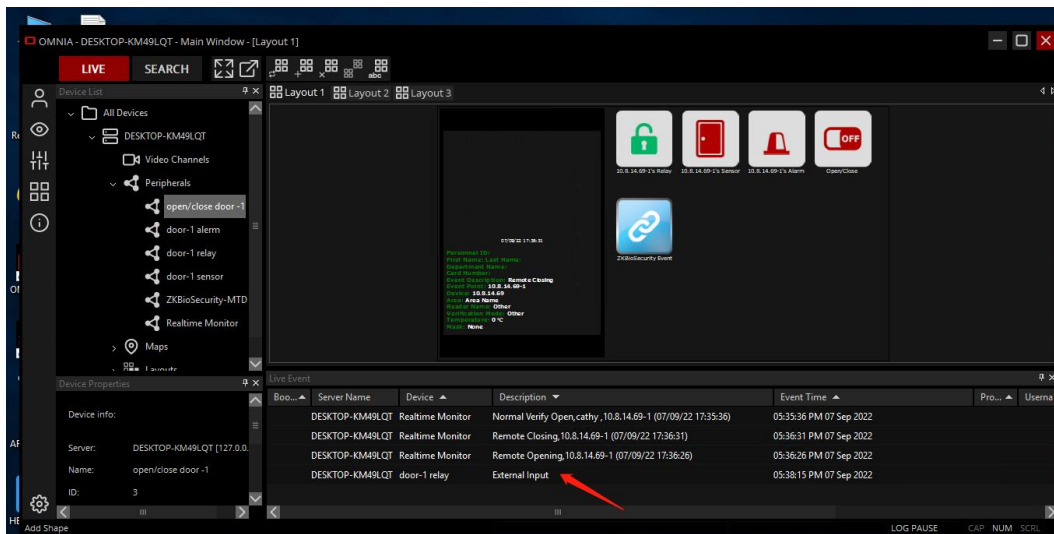
2.Remotely open/close door. Click [open/close door] button.



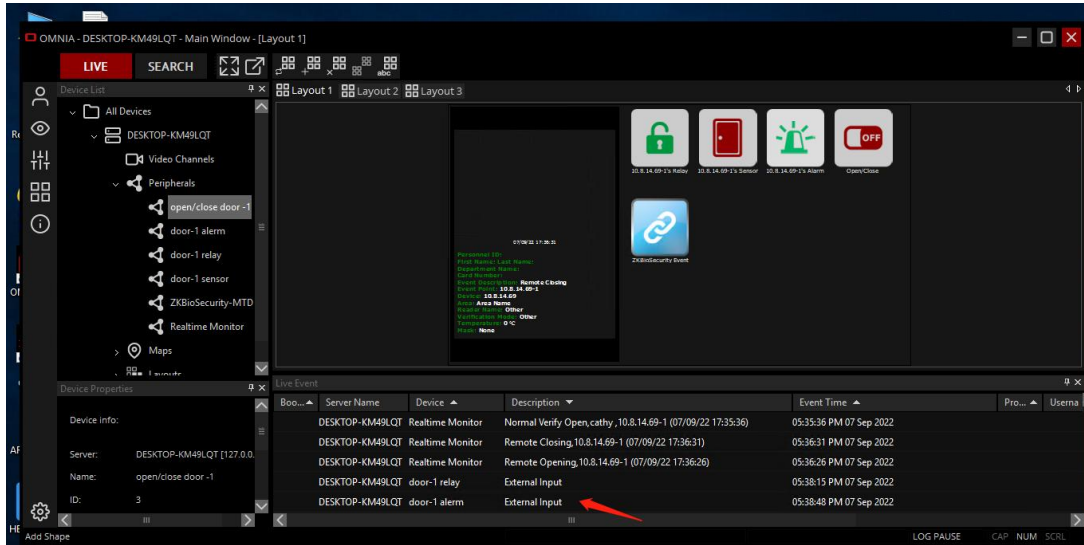
3.Click [ZKBioSecurity] button. Insert ZKBioSecurity Page.



4.Click [door-1 relay]. Open door-1 relay.



5.Click [door-1 alarm], close door-1 alarm.



6.Click [door-1 sensor]. Open door-1 sensor.

