Device 设备

获取所有设备 GET <http://localhost:8080/v1/device> 返回json

[{"ID":1,"Name":"No1","Video\_Address":"rtsp://192.168.1.65::554","DepartmentID":"1","Longitude":109.00,"Latitude":111.20,"LocationType":"1","Type":"","Remark":""}]

读取ID为1的设备数据 GET http://localhost:8080/v1/device/1

{"ID":1,"Name":"No1","Video\_Address":"rtsp://192.168.1.65::554","DepartmentID":"1","Longitude":111.20,"Latitude":111.20,"LocationType":"1","Type":"","Remark":""}

获取所有分页设备 POST <http://localhost:8080/v1/device>/0/list 返回json

json数据 {"StartIndex":0,"PageSize":2}

返回json数据

[{"ID":1,"Name":"No1","Video\_Address":"rtsp://192.168.1.65::554","DepartmentID":"1","Longitude":109.00,"Latitude":111.20,"LocationType":"1","Type":"","Remark":""}]

增加设备 POST <http://localhost:8080/v1/device> 接受json数据

json数据，ID 无用

{"ID":1,"Name":"No2","Video\_Address":"rtsp://192.168.1.66::554","DepartmentID":"1","Longitude":111.20,"Latitude":111.20,"LocationType":"1","Type":"","Remark":""}

返回”True” or”False”

更新ID为1的设备数据 POST <http://localhost:8080/v1/device/1/update>

接受 json数据 json数据 同上，ID 无用

返回”True” or”False”

删除ID为1的设备数据 POST <http://localhost:8080/v1/device/1/delete>

返回”True” or”False”

人员库

读取所有的数据库信息GET http://localhost:8080/v1/person-dataset

[{"ID":0,"Name":"frsdb","Source":"","CreateTime":"2017/10/29 20:00:00","Type":"","Remark":""},{"ID":0,"Name":"yz","Source":"","CreateTime":null,"Type":"","Remark":""}]

读取ID为1的人员库信息 GET  [http://localhost:8080/v1/person-dataset/1](http://localhost:8080/v1/person-database/1%20)

返回json数据

{"ID":0,"Name":"frsdb","Source":"","CreateTime":"2017/10/29 20:00:00","Type":"","Remark":""}

读取所有的数据库分页信息POST http://localhost:8080/v1/person-dataset/0/list

json数据 {"StartIndex":0,"PageSize":2}

返回json数据

[{"ID":0,"Name":"frsdb","Source":"","CreateTime":"2017/10/29 20:00:00","Type":"","Remark":""},{"ID":0,"Name":"yz","Source":"","CreateTime":null,"Type":"","Remark":""}]

增加人员数据库， POST http://localhost:8080/v1/person-dataset

接受 json数据,ID无用

{"ID":0,"Name":"frsdb","Source":"","CreateTime":"2017/10/29 20:00:00","Type":"","Remark":""}

更新人员数据库， POST http://localhost:8080/v1/person-dataset/1/update

接受 json数据 json数据 同上

删除ID为1的人员数据库 POST <http://localhost:8080/v1/person-dataset/1/delete>

返回”True” or”False”

更新ID为1的数据库人员数据库， POST http://localhost:8080/v1/person/1/update

接受 json数据 json数据 同上

{"Path": "D:/Image/"}

返回”True” or”False”

查询ID为1的数据库人员照片总数， POST http://localhost:8080/v1/person/1/view

返回人员总数10

查询ID为1的数据库人员照片， POST http://localhost:8080/v1/person/1/view

接受 json数据

{"StartIndex":0,"PageSize":30}

返回json数据 [{"id":16,"person\_dataset\_id":2,"name":"DengChao","gender":"","card\_id":"","image\_id":"DengChao","face\_image\_path":"RegFaces/388dbdc1-f54c-4ad4-a84e-dc55ae4142f0.jpg"},{"id":17,"person\_dataset\_id":2,"name":"FanBingBing","gender":"","card\_id":"","image\_id":"FanBingBing","face\_image\_path":"RegFaces/e5935afe-5683-42a7-afd2-65cb9ccbc96b.jpg"}]

在ID为1的人员数据库中添加一个人员，

POST http://localhost:8080/v1/person/1/add

接受 json数据

{"Path": "D:/Image.jpg","name": "lzc","gender": "m","CardId ": "123445"}

删除ID为1的人员POST <http://localhost:8080/v1/person/1/delete>

返回”True” or”False”

//以下暂时不实现

*获取在ID为1的人员数据库中的所有人员，*

*GET http://localhost:8080/v1/ person-dataset /1*

在ID为1的人员数据库中增加一个人员，

POST http://localhost:8080/v1/ person-dataset /1

返回”True” or”False”

在ID为1的人员数据库中更新ID为2一个人员，

POST http://localhost:8080/v1/ person-dataset /1/2/update

返回”True” or”False”

在ID为1的人员数据库中删除ID为2的一个人员，

POST [http://localhost:8080/v1/ person-dataset /1/delete/](http://localhost:8080/v1/%20person-dataset%20/1/delete/2)njust14

返回”True” or”False”

结果查询

获取在ID为1的人员数据库中的符合时间段的结果

POST <http://localhost:8080/v1/recording/1>

接受jason数据

{"StartTime":"2017-11-10 09:42:02","EndTime":"2017-12-29 09:42:02","StartIndex":0,"PageSize":30}

返回jason数据 [{"id":3,"FaceQueryImagePath":"QueryFaces/b895079f-1269-4c0d-944c-babaf7f15799.jpg","Threshold":0.2,"OccurTime":"2017/12/27 19:35:35","detail\_id":1,"rank":0,"score":0.9999,"user\_id":1,"user\_name":"pkj","user\_gander":"M","user\_person\_dataset\_id":1,"user\_card\_id":"321342","user\_image\_id":"","user\_face\_image\_path":"RegFaces/3235a4f7-552f-4910-b7a3-43cebbc9e7a2.jpg","user\_type":"2","user\_create\_time":"2017/12/27 18:38:23","user\_modified\_time":"2017/12/27 18:38:23","user\_quality\_score":84.0}]

获取在ID为1的人员数据库中的符合时间段的轨迹结果

POST [http://localhost:8080/v1/recording](http://localhost:8080/v1/recording/1)

接受jason数据

{"StartTime":"2017-11-10 09:42:02","EndTime":"2017-12-29 09:42:02","UserId":6}

返回jason数据

[[{"id":4,"FaceQueryImagePath":"QueryFaces/0c5a9f6c-bd9d-437e-a8a9-9670343ab8c1.jpg","Threshold":0.6,"OccurTime":"2017/12/28 13:09:01","task\_id":2,"detail\_id":2,"rank":0,"score":0.723111,"user\_id":6,"user\_name":"njust14","user\_gander":"","user\_person\_dataset\_id":2,"user\_card\_id":"","user\_image\_id":"njust14","user\_face\_image\_path":"RegFaces/049af2a5-001b-477c-bc17-8b50bf5f740c.jpg","user\_type":"","user\_create\_time":"2018/1/10 16:41:52","user\_modified\_time":"2018/1/10 16:41:52","user\_quality\_score":84.0,"device\_id":2},

{"id":5,"FaceQueryImagePath":"QueryFaces/da48c06f-3bc6-4675-88de-44e0084b30db.jpg","Threshold":0.6,"OccurTime":"2017/12/28 13:09:02","task\_id":2,"detail\_id":5,"rank":1,"score":0.682716,"user\_id":6,"user\_name":"njust14","user\_gander":"","user\_person\_dataset\_id":2,"user\_card\_id":"","user\_image\_id":"njust14","user\_face\_image\_path":"RegFaces/049af2a5-001b-477c-bc17-8b50bf5f740c.jpg","user\_type":"","user\_create\_time":"2018/1/10 16:41:52","user\_modified\_time":"2018/1/10 16:41:52","user\_quality\_score":84.0,"device\_id":2}]

Surveillance task布控任务

获得所有布控任务 GET <http://localhost:8080/v1/surveillance-task>

返回Json数据

[{"ID":1,"Name":"task1","DatasetID":1,"DeviceID":1,"Type":"2","Remark":"","StartTime":"2017/10/23 12:19:28","EndTime":"2017/10/24 12:19:28"}]

获得ID为1的布控任务 GET <http://localhost:8080/v1/surveillance-task/>1

返回Json数据

{"ID":1,"Name":"task1","DatasetID":1,"DeviceID":1,"Type":"2","Remark":"","StartTime":"2017/10/23 12:19:28","EndTime":"2017/10/24 12:19:28"}

增加布控任务 POST <http://localhost:8080/v1/surveillance-task>

接受json数据ID 无效

Joson同上

返回”True” or”False”

更新ID为1的布控任务POST <http://localhost:8080/v1/surveillance-task/1/update>

接受 json数据，json数据 同上，ID 无用

返回”True” or”False”

删除ID为1的布控任务 POST <http://localhost:8080/v1/surveillance-task/1/delete>

返回”True” or”False”

//以下暂时不实现

按时间排列获取在ID为1的人员数据库中的所有结果，

GET http://localhost:8080/v1/ person-dataset /1/ordering-in-time

Hitalert

Websocket(Hybi13, Hybi14) [http://localhost:8080/v1/hitalert/1](http://localhost:8080/v1/hitalert/1%20)  Websocket，开启ID为1的布控任务，客户端样例为client.Html

连接完毕 则开启任务, 客户端关闭Websocket则，布控任务停止

同一时间只能有一个布控任务，若开启多次，只有第一次开启成功，后面的连接返回”False”，而后服务端自动关闭Websocket

返回Json数组

FaceQueryImagePath：检测的人脸

Threshold：设置的阈值

OccurTime：发生的时间

Details：比对细节.为空时 当作人脸检测来用

[{"FaceQueryImagePath":"QueryFaces/1.jpg","Threshold":0.6,"OccurTime":"2017-10-22 12:19:28","Details":[{"ID":0,"Score":0.9,"PersonInfo":{"ID":0,"Name":"小明","PersonID":”C1”,"Gender":"男",”Birthday”:” 2017-10-22”,"CardId":"1",”Birthday”:” 2017-10-22” "FaceImagePath":"RegFaces/1.jpg","CreateTime":null,"ModifiedTime":null,"Type":"v"},{"ID":0,"Score":0.9,"PersonInfo":{"ID":0,"Name":"小明","PersonID":”C1”,"Gender":"男",”Birthday”:” 2017-10-22”,"CardId":"1",”Birthday”:” 2017-10-22”, "FaceImagePath":"RegFaces/1.jpg","CreateTime":null,"ModifiedTime":null,"Type":"v"}}]}

图像比对

1:1比对 POST [http://localhost:8080/v1/](http://localhost:8080/v1/surveillance-task)verify/0

接受base64类型的jason数据

{"PicSrc":””,"PicDst":”XXXXX”}

1:N比对 对id为1的地库进行比对 POST <http://localhost:8080/v1/verify/1>

接受byte类型的jason数据

{"PicSrc":"XXXX" , "ScoreThresh":"0.7", "TopK":"8"}

XX表示base64类型

返回Json数组

FaceQueryImagePath：检测的人脸

Threshold：设置的阈值

OccurTime：发生的时间

Details：比对细节.为空时 当作人脸检测来用

[{"FaceQueryImagePath":"QueryFaces/1.jpg","Threshold":0.6,"OccurTime":"2017-10-22 12:19:28","Details":[{"ID":0,"Score":0.9,"PersonInfo":{"ID":0,"Name":"小明","PersonID":”C1”,"Gender":"男",”Birthday”:” 2017-10-22”,"CardId":"1",”Birthday”:” 2017-10-22” "FaceImagePath":"RegFaces/1.jpg","CreateTime":null,"ModifiedTime":null,"Type":"v"},{"ID":0,"Score":0.9,"PersonInfo":{"ID":0,"Name":"小明","PersonID":”C1”,"Gender":"男",”Birthday”:” 2017-10-22”,"CardId":"1",”Birthday”:” 2017-10-22”, "FaceImagePath":"RegFaces/1.jpg","CreateTime":null,"ModifiedTime":null,"Type":"v"}}]}