



How to Change ID of Wiegand Interface

Title:	How to change ID of Wiegand Interface	Version:	v1.0	Date:	09/05/2023
Product:	Access controller			Page:	1 of 15

Preparation

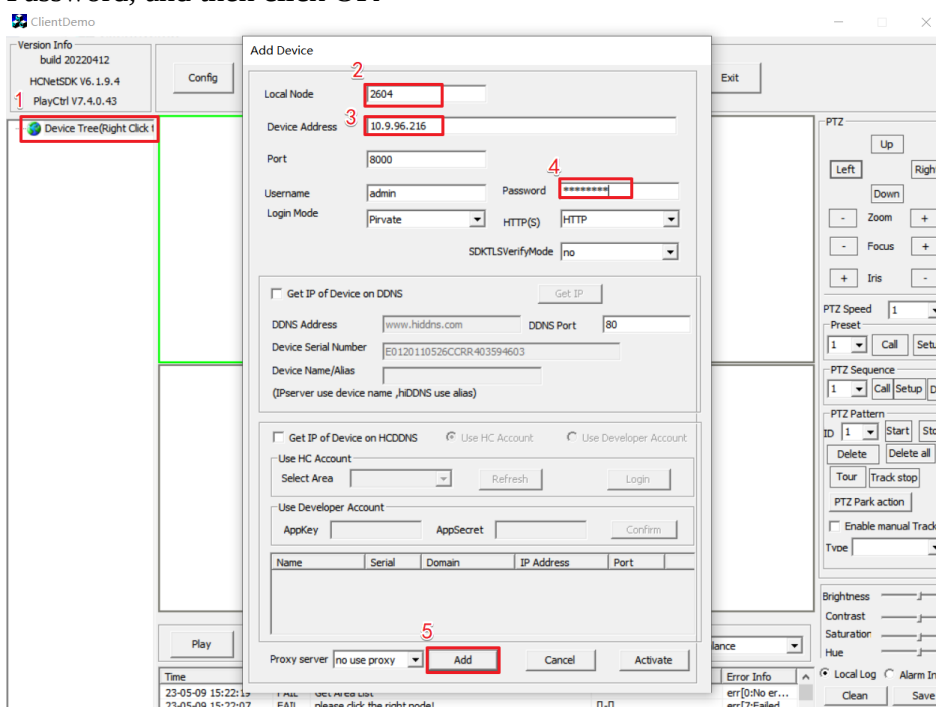
1. DS-K260XT series access controller with version later than V1.0.2_build230421

By default, wiegand interface is related to fixed ID. Because there are only 4 interfaces on controller, when it comes to DS-K2604T controller, wiegand interface can only be used as entrance card reader. This document is used to change ID of wiegand interface so that some wiegand interface can be used as exit card reader.

How to Change ID of Wiegand Interface

1. Log on device

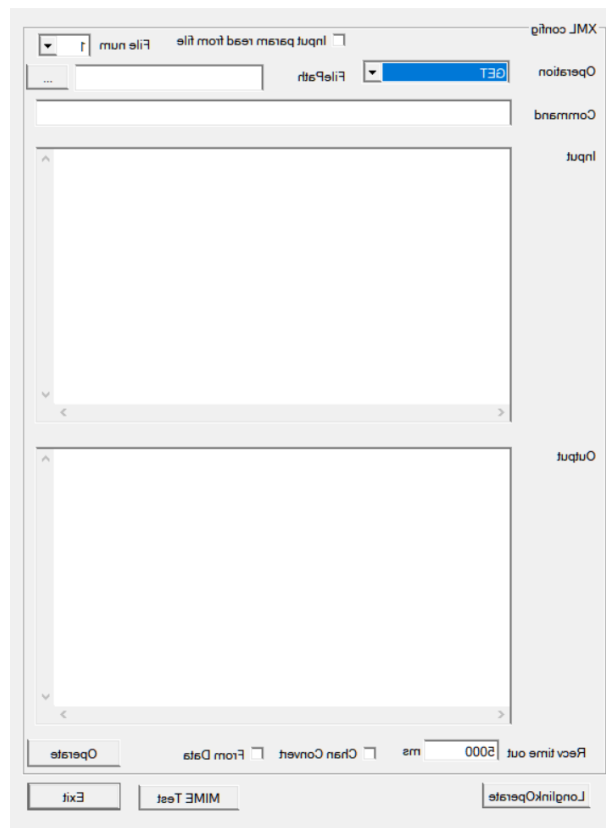
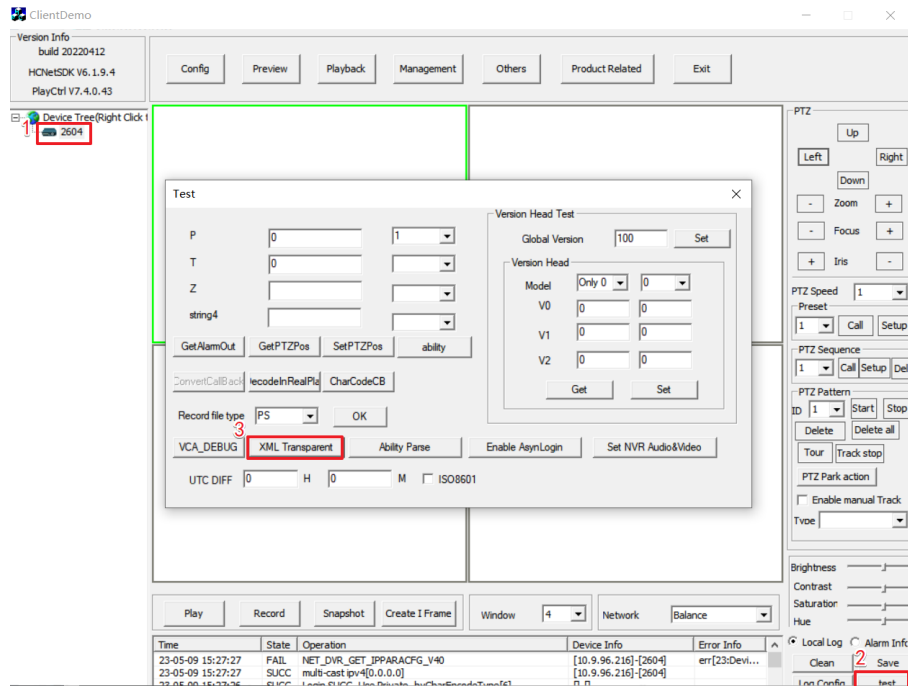
- 1) Right click Device Tree, input local node(device name), Device Address, Password, and then click OK



- 2) Description of step 2

2. Key Step 2

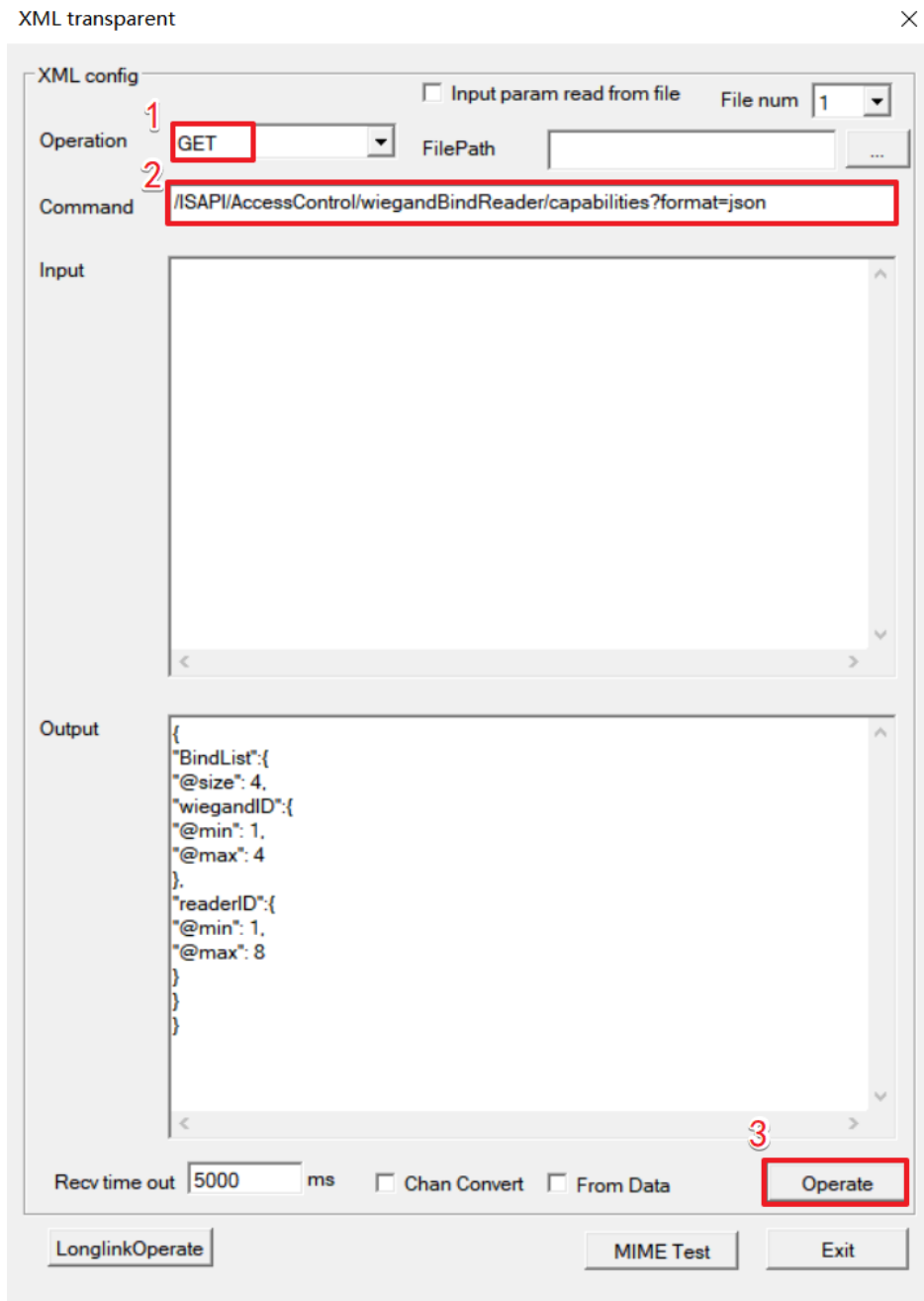
- 1) Choose device, go to test->XML Transparent



- 2) Choose operation as 'GET', input below command and click operate to get device ability :

/ISAPI/AccessControl/wiegandBindReader/capabilities?format=json

You can see there is 4 interfaces in K2604, ranging from 1 to 4, but it can connect 8 reader ranging from 1 to 8



- 3) Follow step 2, use below command to check ID assignment of wiegand interfaces
/ISAPI/AccessControl/wiegandBindReader?format=json
By default , you should get below result

```
{
  "BindList": [{
    "wiegandID": 1,
    "readerID": 1
  }, {
    "wiegandID": 2,
    "readerID": 3
  }, {
```

```
        "wiegandID": 3,  
        "readerID": 5  
    }, {  
        "wiegandID": 4,  
        "readerID": 7  
    }  
}
```

- 4) Modify relationship between WiegandID interface and ReaderID. For example , if you want to use 4 wiegand reader as entrance and exit reader of door 1 and door 2, you can paste below text into 'INPUT' window, change operation type as **PUT** , then click operate to put change into device

```
{  
  "BindList": [{  
    "wiegandID": 1,  
    "readerID": 1  
  }, {  
    "wiegandID": 2,  
    "readerID": 2  
  }, {  
    "wiegandID": 3,  
    "readerID": 3  
  }, {  
    "wiegandID": 4,  
    "readerID": 4  
  }  
}
```

XML transparent

XML config

☐ Input param read from file File num 1

Operation **1** PUT File Path

Command /ISAPI/AccessControl/wiegandBindReader?format=json

Input **2**

```
{
  "BindList": [
    {
      "wiegandID": 1,
      "readerID": 1
    },
    {
      "wiegandID": 2,
      "readerID": 2
    },
    {
      "wiegandID": 3,
      "readerID": 3
    },
    {
      "wiegandID": 4,
      "readerID": 4
    }
  ]
}
```

Output **4**

```
{
  "statusCode": 1,
  "statusString": "OK",
  "subStatusCode": "ok",
  "errorCode": 1,
  "errorMsg": "ok"
}
```

Recv time out 5000 ms ☐ Chan Convert ☐ From Data **3** Operate

LonglinkOperate MIME Test Exit

- 5) Modify operation type as GET again , you can see relationship between wiegandid and readerid is changed

XML transparent ×

XML config ☐ Input param read from file File num 1

Operation GET FilePath ...

Command /ISAPI/AccessControl/wiegandBindReader?format=json

Input

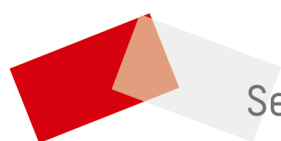
```
{
  "BindList": [
    {
      "wiegandID": 1,
      "readerID": 1
    },
    {
      "wiegandID": 2,
      "readerID": 2
    },
    {
      "wiegandID": 3,
      "readerID": 3
    },
    {
      "wiegandID": 4,
      "readerID": 4
    }
  ]
}
```

Output

```
{
  "BindList": [
    {
      "wiegandID": 1,
      "readerID": 1
    },
    {
      "wiegandID": 2,
      "readerID": 2
    },
    {
      "wiegandID": 3,
      "readerID": 3
    },
    {
      "wiegandID": 4,
      "readerID": 4
    }
  ]
}
```

Recv time out 5000 ms ☐ Chan Convert ☐ From Data Operate

LonglinkOperate MIME Test Exit



See Far, Go Further