How to default decoder through serial port

HIKVISION TECHNICAL SUPPORT TEAM

2017-5-19
How to Default Decoder through Serial Port

In some cases, decoders may break down, and cannot be operated through web or client software, even cannot be found on SADP Tool. Follow the steps listed below, you can default 6400HDI-T & 6900UDI via RS232 terminal commands successfully.

1. Open SecureCRT software and click Quick Connect

2. Choose Serial protocol, configure the parameters as below, disable flow control, and select the right COM port

3. Input “zhimakaimen”, fill in the security code exported from OA to enter debug mode
4. Delete device's configuration parameters to default the device

1) For 6900UDI, the configuration parameters `devParam.db` and `devParamB.db` are in `home/config`, operations are as below:

```
[root@Hik-DECODER-M]# cd home/config
[root@Hik-DECODER-M config]# rm -f devParam.db
[root@Hik-DECODER-M config]# rm -f devParamB.db
[root@Hik-DECODER-M config]# reboot
```

Wait several minutes for the device to restart

2) For 6400HDI-T, **devParam.db** is in **dav2** and **devParamB.db** is in log, operations are as below:

```
# cd dav2
# rm -rf devParam.db
# cd ..
# cd log
# rm -rf devParamB.db
# reboot

# zhinakaimen
AQAAlZNSI25jorq9ds-
Password:
Enter Debug Mode,
# NaFxmzdDdk6g4VuyEvgr10CFceM394y4mHFKCbu14223uwv9HFwsseVP3p:
TvV13geCNaFxmzdDdk6g4VuyEvgr10CFceM394y4mHFKCbu14223uwv9HFwssePn
3QTVV13geCNaFxmzdDdk6g4VuyEvgr10CFceM394y4mHFKCbu14223uwv9HFwssePn

# ls
bin dav0 dav2 dev home log opt root srv tmp
dav dav1 dav4 etc lib mnt proc sbin sys var
# cd dav2
# ls
devParam.db lost+found
# rm -rf devParam.db
# ls
lost+found
# cd ..
# ls
bin dav0 dav2 dev home log opt root srv tmp
dav dav1 dav4 etc lib mnt proc sbin sys var
# cd log
# ls
LogFile000 LogFile002 LogFile004 LogFile008 LogFile009
LogFile001 LogFile003 LogFile005 LogFile006
LogFile002 LogFile007 LogFile010
LogFile007 devParam.db sceneConfig
# rm -rf devParamB.db
# ls
LogFile000 LogFile002 LogFile004 LogFile008
LogFile001 LogFile003 LogFile005
LogFile006 LogFile007 LogFile009
LogFile009 LogFile010
LogFile007 LogFile008
LogFile002 sceneConfig
# reboot
The System is going down now !!
```

Wait several minutes for the device to restart

---

**Note:**
1. Use “cd filename” to enter certain file
2. Use “cd ..../” to return to previous directory
3. Use “ls” to check the files in the directory
First Choice for Security Professionals
Hikvision Technical Support