How to upgrade 6900UDI through serial port

HIKVISION TECHNICAL SUPPORT TEAM

2017-06-03
How to Upgrade 6900UDI through Serial Port

This document is intended to show the steps of how to upgrade decoder through serial operation.

**Note:**
1. Please make sure to close all the firewall and VPN software (e.g. EasyConnect) on your PC before operating the serial upgrade;
2. The update package of 6900UDI should be decompressed and placed in the same file with tftp server, and is suggested to put in the root directory of D disk.

1. Connect serial cable and network cable directly from PC to decoder.

   **Serial cable:**

   Connect USB interface to PC, and RJ45 (type 1) to decoder RS232, as picture below shows.
Network Cable:

Connect **only GE1 port** to PC network interface, make sure both PC and decoder at the same network segment. (The initial IP of 6900UDI **GE1 port** is 192.0.0.64)

2. Open SecureCRT software and click **Quick Connect**

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

4. Enter **uboot** mode

Power on the decoder again, at the same time, press **Ctrl+U** to enter uboot mode

   Hit `ctrl+u` to stop autoboot: 0
   HIK>>

5. Format

   Input **format** to format the device
6. Update

Open cisco tftp server, check the IP on tftp server. Input `Updatek`, fill in the IP of decoder (192.0.0.64) and tftp server to update, select y

```
HIK>> updatek
Please input the ip address of device: 192.0.0.64
Please input the ip address of upgrade server: 192.0.0.65
Confirm?(y/n): y
Using egiga0 device
Using egiga0 device
TFTP from server 192.0.0.65; our IP address is 192.0.0.64
Filename 'digicap.dav'
Load address: 0x2000000
Loading: ###############################################
Loading: ###############################################
```

Wait for several minutes, the device will reboot automatically after upgrade