1. **How many IPC devices can POE switch support?**

According to the power supply requirement of POE switch, it needs the MDVR device whose power supply is more than 60W to connect to the POE switch. So far the power output of mobile MDVR can only support extended 4-channel IPC.

1. **Whether POE switch supports cascading or not, how many channels of IP address can it support the most?**

POE switch can support 2nd to 3rd level of cascading, it may cause signal loss and frame loss for further cascading.

POE switch supports all the IP addresses in the same gateway; the channel capacity of the switch is restricted. According to the message capacity of 100Mb network port chip, it can support max 8-channel 1080P video image IPC.

1. **Which kind of connection mode of network cable can configure IPC or DVR system parameters and software upgrade by network more conveniently on the construction site?**

It is a problem to configure IPC when the network ports are fully connected, because one single POE switch can only support 5 network ports. The easier way to solve the problem is to pull out the network cable which connects NVR and POE switch from the network port of the NVR, then connect it to the computer to upgrade. Meanwhile users can adopt the same way to configure NVR, pull a network cable from the computer and connect it to the NVR network port to upgrade, see the following figure for more details.



1. **How to do function test to POE switch?**

Connect POE switch, NVR and IPC according to the connection mode shown in the Figure above.

1. After the NVR device power on and normal boot, check if the PWR indicator light of POE switch is on;
2. After POE switch is connected to the NVR network port, check if the network port LINK and ACT indicator lights are on and flash;
3. After POE switch is connected to IPC, match the IP of IPC via the system configuration interface of NVR end and check if the NVR is successfully connected to the IPC. Please refer to the <Mobile 4-port POE Network Switch Quick Start Guide> for more details about configuration.
4. After the IPC is successfully connected, check if the video image is not fluent, if not, then the device passes the test normally.