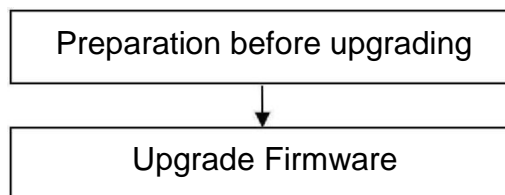# Upgrade Guidance for HD Cameras

This firmware is for HD cameras C2/R2/FI9900EP/FI9900P/FI9901EP/FI9961EP/R2E/R4/ FI9928P/P4/R2D/Z2. Please check your camera model on the bottom sticker. Updating with the wrong firmware could severely damage and/or break your camera. Please make sure the firmware is correct.

Note:

System firmware 1.11.1.4, 1.11.1.5, 1.11.1.6,1.11.1.8, 1.11.1.10, 1.11.1.11, 1.11.1.13 and application firmware 2.x.1.4, 2.x.1.6 ,2.x.1.7 ,2.x.1.9 or 2.x.1.11, 2.x.1.17 ,2.x.1.18, 2.x.1.20, 2.x.1.26,2.x.1.32, 2.x.1.41,2.x.1.42, 2.x.1.44, 2.x.1.48, 2.x.1.49, 2.x.1.54, 2.x.1.56, 2.x.1.58, 2.x.1.59, 2.x.1.64, 2.x.1.73, 2.x.1.77, 2.x.1.79 can upgrade to this version.

```
┌─────────────────────────────────┐
│  Preparation before upgrading   │
└─────────────────────────────────┘
                 │
                 ▼
┌─────────────────────────────────┐
│        Upgrade Firmware         │
└─────────────────────────────────┘
```

Preparation before upgrading:
1. Please restart your camera before the upgrading;
2. Connect camera to router with an Ethernet cable before upgrading;
3. DO NOT upgrade firmware via wireless if your camera supports Ethernet cable connection;
4. DO NOT upgrade firmware over internet, just finish it in LAN;
5. Keep power on during the upgrading;

Step 1: Login your camera from Foscam VMS, go to **Settings-->System-->System Upgrade**. Click Browse/Choose File, find the file **FosIPC_F_app_ver2.x.1.81.bin** you've extracted in your local hard driver, then click **Open**. Camera will upgrade after you click on **System Upgrade**.

Step 2: After that completed, please go to check if the firmware version becomes the latest.

Congratulations, your camera successfully upgraded to the latest firmware!

--- By Foscam Technical Support Team