

## Protocol 2.0 Release Note

### (2020.12.03)

#### Protocol 2.0 device model and firmware:

Device Model	Device Firmware
DS-KH6320 serial、DS-KH8530 serial、DS-KH8520 serial	V2.1.10_build200713 or newer
DS-KH9310 serial、DS-KH9510 serial	V2.1.8_build200714 or newer
DS-KD8003 serial、DS-KV6113(B) serial、DS-KV8X13(B) serial	V2.2.3_build200805 or newer
DS-KD3003 serial、DS-KD8103 serial、DS-KD8023 serial	V2.2.2_build201021 or newer
The iVMS-4200 version should be 3.4.0.9 or newer	

All 1<sup>st</sup> generation devices or KV6113 series or KV8X13 series without (B) models do not support the upgrade protocol 2.0

#### Introduction:

Protocol 2.0 is to increase the security of the device. During operation, we can find that the indoor station etc. must fill in the registration password when registering with other devices, this password will correspond to the serial number to prevent other devices from invading the system.

#### Compatibility:

The indoor station must have a unified protocol type, that is, when the main indoor station is protocol 1.0, the indoor extension must also use protocol 1.0. When the main indoor station is protocol 2.0, the indoor extension must also use protocol 2.0

Indoor station	Main door station	Sub door station	Result	Solution
Protocol 1.0	Protocol 1.0	Protocol 1.0	√	
Protocol 1.0	Protocol 2.0	Protocol 1.0	√	
Protocol 2.0	Protocol 1.0	Protocol 1.0	√	
Protocol 2.0	Protocol 2.0	Protocol 1.0	√	
Protocol 1.0	Protocol 1.0	Protocol 2.0	×	Exchange main door station and sub-door station or please upgrade device to protocol 2.0
Protocol 2.0	Protocol 2.0	Protocol 2.0	√	
Protocol 2.0	Protocol 1.0	Protocol 2.0	×	Exchange main door station and sub-door station or please upgrade device to protocol 2.0
Protocol 2.0	Protocol 2.0	Protocol 2.0	√	

So when we are dealing with problems, we can choose to upgrade the firmware or replace the equipment to solve it.

**Operation document:**

ftp://hikftp.hikvision.com:400/Product File(Overseas)/00 Oversea Products/05 Access Control\_Intercom/11 Installation & How to/How-to document/02 Video Intercom/Video Intercom Protocol 2.0/