

Raptor DS-2CD2xxx Firmware v5.1.2_140116 Release Note

1. Firmware Version

Firmware Version: [V5.1.2 build 140116](#)

Compatible Camera Model:

DS-2CD2012-I, DS-2CD2032-I, DS-2CD2112-I, DS-2CD2132-I, DS-2CD2212-I3/I5, DS-2CD2232-I3/I5, DS-2CD2312-I, DS-2CD2332-I, DS-2CD2412F-I(W), DS-2CD2432F-I(W), DS-2CD2512F-I(S)(W), DS-2CD2532F-I(S)(W), DS-2CD2612F-I(S), DS-2CD2632F-I(S), DS-2CD2712F-I(S), DS-2CD2732F-I(S)

2. Firmware Update

1. Add language capability into software capability set and generate with encryption. Return language style when login with SDK and in device capability set
2. Modify the capability set of capture mode. In XML, indexal and indexless capture modes are both offered. SDK is modified in accordance
3. Remove manual white balance setting
4. Add QVGA sub-stream resolution setting
5. Modify the abnormal viewing problem as anonymous accessing
6. Slow viewing under multicast viewing is rectified
7. Describe SML for SDK encoding capability and open the audio encoding capability, so that NVR can get audio only after sub-stream is adopted in NVR.
8. Modify the noise reduction and sharpening parameter. The image effect in night is optimized
9. Balance mode and fluent mode of play library are both modified to self-adaptive decoding modes to solve video stuck problem after image optimization
10. Modify: If device is mounted to CIFS content, device may stuck when sever is abnormal (Reboot of server, deletion of storage array in server), which is manifested as core collapse and thread stuck leading to reboot of watchdog
11. Rectified: When turning on white list of IP filtering, if DNS, DDNS, SNMP, FTP, NTP, SMTP, NAS are not included in IP white list, the related functions may be ineffective. (DDNS, FTP, NTP and SMTP that adopt domain name are unable to be disposed)
12. Modified: PIR, door magnetic and calling alarm cannot send signal to alarm host
13. If complexity of encoding is not correct when starting, it will be modified to default value
14. Solved: Cameras with 3MP may flicker in high light scene
15. Rectified: Abnormal image of 3MP camera sensor under low temperature
16. Solved the stability: Bonjour module collapse and reboot