

The Reporting Of Low Temperature Test

Report No.:

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|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------|---------------------|---------------------|
| Device Model | DS-2CD2012-I DS-2CD2032-I DS-2CD2112-I DS-2CD2132-I | Mainboard type | raptor | Software Version | V4.0.9 build 121208 |
| Other board | | | | | |
| R & D | Sha Jiansong | Tester | Gu Lifei | Tested Date | 2012-12-12 |
| Testing Standards | Reference to GB-T 2423.1 Low Temperature Test | Product Standards | | | |
| Testing equipment | Low temperature and low humidity test chamber | Auxiliary equipment | 12V power adapter、 Monitors、 PC | | |
| Testing purposes | Test working situation of device at low temperature | | | | |
| Test Index | <ol style="list-style-type: none"> 1. Test working situation of device at room temperature 2. Test working situation of device at low temperature | | | | |
| Remarks | Test the device in the Low Temperature Chamber without the infrared light | | | | |
| Description of the experiment | | | | | |

【The ambient temperature: -40℃】 Model: DS-2CD2012-I Without the infrared light; Resolution: 720p; Frame rate: 25fps

| Recording time (Units: hour) | Video bit rate | Delay (ms) | Working situation of device |
|---------------------------------|----------------|------------|-----------------------------|
| 1<H<10 | 2970kbps | 200 | Normal & Steady |
| 10<H<24 | 2931kbps | 200 | Normal & Steady |
| 24<H<48 | 2956kbps | 200 | Normal & Steady |
| 48<H<72 | 2918kbps | 200 | Normal & Steady |

【The ambient temperature: -40℃】 Model: DS-2CD2032-I Without the infrared light; Resolution: 1080p; Frame rate: 25fps

| Recording time (Units: hour) | Video bit rate | Delay (ms) | Working situation of device |
|---------------------------------|----------------|------------|-----------------------------|
| 1<H<10 | 6405kbps | 350 | Normal & Steady |
| 10<H<24 | 6447kbps | 350 | Normal & Steady |
| 24<H<48 | 6391kbps | 350 | Normal & Steady |
| 48<H<72 | 6453kbps | 350 | Normal & Steady |

【The ambient temperature: -40℃】 Model: DS-2CD2112-I Without the infrared light; Resolution: 720p; Frame rate: 25fps

| Recording time (Units: hour) | Video bit rate | Delay (ms) | Working situation of device |
|---------------------------------|----------------|------------|-----------------------------|
| 1<H<10 | 2934kbps | 200 | Normal & Steady |
| 10<H<24 | 2918kbps | 200 | Normal & Steady |
| 24<H<48 | 3021kbps | 200 | Normal & Steady |
| 48<H<72 | 2913kbps | 200 | Normal & Steady |

【The ambient temperature: -40℃】 Model: DS-2CD2132-I Without the infrared light; Resolution: 1080p; Frame rate: 25fps

| Recording time (Units: hour) | Video bit rate | Delay (ms) | Working situation of device |
|---------------------------------|----------------|------------|-----------------------------|
| 1<H<10 | 6443kbps | 350 | Normal & Steady |
| 10<H<24 | 6432kbps | 350 | Normal & Steady |
| 24<H<48 | 6451kbps | 350 | Normal & Steady |
| 48<H<72 | 6421kbps | 350 | Normal & Steady |

Description:

1. DS-2CD2012-I, DS-2CD2032-I, DS-2CD2112-I and DS-2CD2132-I can meet requirement of working under lower temperature.
2. All Test Index is normal & steady.

Conclusion

The testing sample _Qualified_