

Security Advisory

VideoTalk function of some Dahua products have security risks

2019-08-02

Security Risks

SA ID: DHCC-SA-201908-001

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Summary:

Some Dahua products' VideoTalk function has authentication vulnerability; users without authentication can access this function. After Dahua reconstructed the relevant functional code in 2018, this vulnerability no longer exists.

CVE ID: CVE-2019-3948

Vulnerability Score (CVSS V3.0 <http://www.first.org/cvss/specification-document>)

Base Score: 5.3 (AV: N/AC: L/PR: N/UI: N/S: U/C: L/I: N/A: N)

Temporal Score: 5.1 (E:H/RL:O/RC:C)

Affected Products & Fix Software:

Affected Model	Affected Version	Fix Software
IPC-XXBXX	Versions which Build time before May 18,2018	EZIP_IPC-XXBXX-Eris2_EngSpnPrt_P_V2.622.0000000.9.R.190713.zip EZIP_IPC-XXBXX-Eris2_EngSpnPrt_N_V2.622.0000000.9.R.190713.zip
IPC-HX5X3X IPC-HX4X3X	Versions which Build time before May 18,2018	DH_IPC-HX5X3X-Rhea_ChN_PN_Stream3_V2.800.0000008.0.R.190619.zip DH_IPC-HX5X3X-Rhea_MultiLang_PN_Stream3_V2.800.0000008.0.R.190619.zip DH_IPC-HX5X3X-Rhea_MultiLang_NP_Stream3_V2.800.0000008.0.R.190619.zip
DH-IPC-HX883X DH-IPC-HX863X	Versions which Build time before May 18,2018	DH_IPC-HX8XXX-Wei-Nova2_EngSpnFrn_NP_Stream3_V2.622.0000000.7.R.190619.zip DH_IPC-HX8XXX-Wei-Nova2_EngSpnFrn_PN_Stream3_V2.622.0000000.7.R.190619.zip DH_IPC-HX8XXX-Nova2_EngSpnFrn_NP_Stream3_V2.622.0000000.7.R.190619.zip DH_IPC-HX8XXX-Nova2_EngSpnFrn_PN_Stream3_V2.622.0000000.7.R.190619.zip
DH-SD4XXXXX	Versions which Build time before May 18,2018	DH_SD-Mao-Rhea_ChN_PN_Stream3_IVS_V2.623.0000000.7.R.181124.zip DH_SD-Mao-Rhea_MultiLang_NP_Stream3_IVS_V2.623.0000000.7.R.181124.zip

		DH_SD-Mao-Rhea_MultiLang_PN_Stream3_IVS_V2.623.0000000.7.R.181124.zip
DH-SD5XXXX	Versions which Build time before May 18,2018	DH_SD-Eos_Chn_PN_Stream3_V2.623.0000000.1.R.180627.zip DH_SD-Eos_EngSpnFrn_N_Stream3_V2.623.0000000.1.R.180627.zip DH_SD-Eos_Eng_P_Stream3_V2.623.0000000.1.R.180627.zip
DH-SD6XXXX	Versions which Build time before May 18,2018	DH_SD-Mao-Nova_Chn_PN_Stream3_V2.640.0000000.2.R.180628.zip DH_SD-Mao-Nova_Internal_PN_Stream3_V2.640.0000000.2.R.180628.zip DH_SD-Eos_EngSpnFrn_N_Stream3_V2.623.0000000.1.R.180627.zip DH_SD-Eos_Eng_PN_Stream3_V2.623.0000000.1.R.180627.zip
NVR5XXX-4KS2	Versions which Build time before May 18,2018	DH_NVR5XXX-4KS2_Chn_V3.216.0000006.0.R.20190223 DH_NVR5XXX-4KS2_MultiLang_V3.216.0000006.0.R.20190223
NVR4XXX-4KS2	Versions which Build time before May 18,2018	DH_NVR4XXX-4KS2_Chn_V3.216.0000003.0.R.190521.zip DH_NVR4XXX-4KS2_MultiLang_V3.216.0000003.0.R.190521.zip
NVR2XXX-4KS2	Versions which Build time before May 18,2018	DH_NVR2XXX-4KS2_MultiLang_V3.216.0000000.0.R.180705.zip

Note: Please login to the Web interface of the device to view Build time, which you can find on the Settings-System Information-Version Information page (setting-systeminfo-version).

Fix Software Download:

Please download the corresponding fix software or its newer version as listed in the above table from [Dahua website](http://www.dahuasecurity.com), or contact Dahua local technical support to upgrade.

The access to the fix is as follows:

- Cloud Upgrade
 Dahua products have the capability of cloud upgrade. Relevant repair versions can be obtained through cloud upgrade.
- Dahua Official Website
 Overseas : <https://www.dahuasecurity.com/support/downloadCenter>
- Dahua Technical Support Personnel

Support Resources:

For any questions or concerns related to our products and solutions, please contact Dahua DHCC at cybersecurity@dahuatech.com