

## Security Advisory – Admin password recovery mechanism in some Dahua IP Camera and IP PTZ could lead to security risk

**Notification ID:** DHCC-SA-201711-003

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### Summary:

Customer of Dahua IP camera or IP PTZ could submit relevant device information to receive a time limited single use password from Dahua authorized dealer to reset the admin password. The algorithm used in this mechanism is potentially at risk of being compromised and subsequently utilized by attacker.

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

Base Score: 7.6 (AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:L/A:L)

Temporal Score: 7.1 (E:F/RL:O/RC:C)

### Affected Products & Fix Software:

“Fix Software” replaced the password recovery mechanism with a more advanced and secured approach. Please check the document in the following link for details. [Read More](#).

### IP Camera:

Affected Model	Version	Fix Software
IPC-HFW2XXX IPC-HDW2XXX IPC-HDBW2XXX	Versions Build between 2015/07 and 2017/03	DH_IPC-HX1X2X-Themis_EngSpn_N_V2.620.0000002.0.R.1 70830.zip  DH_IPC-HX1X2X-Themis_EngSpn_N_V2.620.0000002.0.R.1 70830.zip

IPC-HFW4XXX IPC-HDW4XXX IPC-HDBW4XXX		DH_IPC-HX5X2X-Themis_EngSpn_N_Stream3_V2.620.000 0002.0.R.170830
IPC-HF5XXX IPC-HFW5XXX IPC-HDW5XXX IPC-HDBW5XXX		DH_IPC-HX4X2X-Themis_EngSpn_N_Stream3_Wifi_V2.620 .0000002.0.R.170830

**IP PTZ:**

Affected Model	Version	Fix Software
DH-SD2XXXXX	Versions Build between 2015/07 and 2017/03	DH_SD-Mao-Themis_EngSpn_N_Stream3_IVS_V2.600.000 0.0.R.20170601.zip
DH-SD4XXXXX		DH_SD-Mao-Themis_EngSpn_N_Stream3_IVS_V2.600.000 0.0.R.20170601.zip
DH-SD5XXXXX		DH_SD-Mao-Themis_EngSpn_N_Stream3_IVS_V2.600.000 0.0.R.20170601.zip  DH_SD-Eos_EngSpnFrn_N_Stream3_V2.600.0000000.7.R.1 70812.zip
DH-SD6XXXXX		DH_SD-Yin-Demeter_EngSpnFrn_N_Stream3_Intelligent_V 2.600.0000000.1.R.170823.zip  DH_SD-Mao-Nova_EngSpnFrn_N_Stream3_V2.600.0000.3. R.20170717.zip  DH_SD-Mao-Themis_EngSpn_N_Stream3_IVS_V2.600.000 0.0.R.20170601.zip

**Fixed software download:**

Fixed software can be downloaded from [Dahua website](#) following the corresponding link in the table above.

**Support Resources**

Dahua technical team will be available to advise and support the upgrade process. For any questions or concerns related to cybersecurity, please contact Dahua at [cybersecurity@dahuatech.com](mailto:cybersecurity@dahuatech.com)