

PRODUCT BULLETIN

Date	21/09/2021 (v3)
PRODUCTS AFFECTED	
PART NUMBER	Various
PRODUCT/S	Hikvision NVRs and cameras as per the following advisory.
AFFECTED FIRMWARE	As per the following pages.
ISSUE	Security Notification - Command Injection Vulnerability in Some Hikvision products.
EXCEPTIONS	<p>This advisory does not apply to cameras connected to an NVR. Cameras not directly connected to the internet are not affected.</p> <p>This issue only occurs when the product is configured with gateway and DNS server and is connected to the Internet directly and the HTTP port is forwarded in the router.</p> <p>For example, a camera connected to an NVR via customer network, is not affected.</p> <p>If a camera goes to Hik-connect directly via WAN, it is not affected.</p> <p>If Camera goes to Internet with port forwarding (http port), it is affected.</p> <p>I series NVR and super NVR are not affected.</p>
REMEDY	<p>Upgrade the device firmware to v5.5.801 build 210727</p> <p>Firmware source https://www.hikvision.com/au-en/support/download/firmware/</p>
DETAIL	<p>Security Notification- Command Injection Vulnerability in Some Hikvision products SN No.: HSRC-202109-01</p> <p>Edit: Hikvision Security Response Center (HSRC)</p> <p>Initial release date: 2021-09-19</p>

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	<p>Summary: A command injection vulnerability in the web server of some Hikvision product. Due to the insufficient input validation, attacker can exploit the vulnerability to launch a command injection attack by sending some messages with malicious commands.</p> <p>CVE ID: CVE-2021-36260</p> <p>Scoring: CVSS v3 is adopted in this vulnerability scoring (http://www.first.org/cvss/specification-document)</p> <p>Base score: 9.8 (CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H) Temporal score: 8.8 (E:P/RL:O/RC:C)</p> <p>Affected versions and resolved version: Information of affected versions and resolved versions:</p>													
	<table border="1"> <thead> <tr> <th data-bbox="531 992 1093 1122">Product name</th> <th data-bbox="1093 992 1406 1122">Affected version(s)</th> </tr> </thead> <tbody> <tr> <td data-bbox="531 1122 1093 1252">DS-2CVxxx1 DS-2CVxxx5 DS-2CVxxx6</td> <td data-bbox="1093 1122 1406 1252" rowspan="14">Versions with build date before 210625</td> </tr> <tr> <td data-bbox="531 1252 1093 1308">HWI-xxxx</td> </tr> <tr> <td data-bbox="531 1308 1093 1364">IPC-xxxx</td> </tr> <tr> <td data-bbox="531 1364 1093 1420">DS-2CD1xx1</td> </tr> <tr> <td data-bbox="531 1420 1093 1655">DS-2CD1x23 DS-2CD1x43(B) DS-2CD1x43(C) DS-2CD1x43G0E DS-2CD1x53(B) DS-2CD1x53(C)</td> </tr> <tr> <td data-bbox="531 1655 1093 1711">DS-2CD1xx7G0</td> </tr> <tr> <td data-bbox="531 1711 1093 1800">DS-2CD2xx6G2 DS-2CD2xx7G2</td> </tr> <tr> <td data-bbox="531 1800 1093 1856">DS-2CD2xx2WD</td> </tr> <tr> <td data-bbox="531 1856 1093 1912">DS-2CD2x21G0</td> </tr> <tr> <td data-bbox="531 1912 1093 1971">DS-2CD2xx3G2</td> </tr> </tbody> </table>	Product name	Affected version(s)	DS-2CVxxx1 DS-2CVxxx5 DS-2CVxxx6	Versions with build date before 210625	HWI-xxxx	IPC-xxxx	DS-2CD1xx1	DS-2CD1x23 DS-2CD1x43(B) DS-2CD1x43(C) DS-2CD1x43G0E DS-2CD1x53(B) DS-2CD1x53(C)	DS-2CD1xx7G0	DS-2CD2xx6G2 DS-2CD2xx7G2	DS-2CD2xx2WD	DS-2CD2x21G0	DS-2CD2xx3G2
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DS-2CD1xx7G0														
DS-2CD2xx6G2 DS-2CD2xx7G2														
DS-2CD2xx2WD														
DS-2CD2x21G0														
DS-2CD2xx3G2														

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DS-2CD3xx6G2 DS-2CD3xx7G2
DS-2CD3xx7G0E
DS-2CD3x21G0 DS-2CD3x51G0
DS-2CD3xx3G2
DS-2CD4xx0 DS-2CD4xx6 DS-2CD5xx7 DS-2CD5xx5 iDS-2XM6810 iDS-2CD6810
DS-2XE62x7FWD(D) DS-2XE30x6FWD(B) DS-2XE60x6FWD(B) DS-2XE62x2F(D) DS-2XC66x5G0 DS-2XE64x2F(B)
DS-2CD7xx6G0 DS-2CD8Cx6G0
KBA18(C)-83x6FWD
(i)DS-2DExxxx
(i)DS-2PTxxxx
(i)DS-2SE7xxxx
DS-2DYHxxxx
DS-DY9xxxx
PTZ-Nxxxx
HWP-Nxxxx
DS-2DF5xxxx DS-2DF6xxxx DS-2DF6xxxx-Cx DS-2DF7xxxx DS-2DF8xxxx DS-2DF9xxxx
iDS-2PT9xxxx

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	iDS-2SK7xxxx iDS-2SK8xxxx iDS-2SR8xxxx iDS-2VSxxxx	
	DS-2TBxxx DS-Bxxxx DS-2TDxxxxB DS-2TD1xxx-xx DS-2TD2xxx-xx	Versions which build date before 210702
	DS-2TD41xx-xx/Wx DS-2TD62xx-xx/Wx DS-2TD81xx-xx/Wx DS-2TD4xxx-xx/V2 DS-2TD62xx-xx/V2 DS-2TD81xx-xx/V2	
	DS-76xxNI-K1xx DS-76xxNI-Qxx DS-HiLookI-NVR-1xxMHxx DS-HiLookI-NVR-2xxMHxx DS-HiWatchI-HWN-41xxMHxx DS-HiWatchI-HWN-42xxMHxx	V4.30.210 Build201224 - V4.31.000 Build210511
	DS-71xxNI-Q1xx DS-HiLookI-NVR-1xxMHxx DS-HiLookI-NVR-1xxHxx DS-HiWatchI-HWN-21xxMHxx DS-HiWatchI-HWN-21xxHxx	V4.30.300 Build210221 - V4.31.100 Build210511
	<p>Precondition:</p> <p>The attacker has access to the device network or the device has direct interface with the internet</p> <p>Attack step: Send a specially crafted message.</p> <p>Obtaining fixed firmware: Users should download the updated firmware to guard against this potential vulnerability. It is available on the Hikvision official website: https://www.hikvision.com/au-en/support/download/firmware/</p>	



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	<p>Source of vulnerability information:</p> <p>This vulnerability is reported to HSRC by UK security researcher Watchful IP.</p> <p>Contact Us: Should you have a security problem or concern, please contact Hikvision Security Response Center at hsrc@hikvision.com.</p> <p>Reference: Hikvision notification 19/09/2021 https://www.hikvision.com/en/support/cybersecurity/security-advisory/security-notification-command-injection-vulnerability-in-some-hikvision-products/</p>
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