

Security Notification SN 2019-04-30 01

30 April 2019

IP Camera/NVR Configuration Data Information Disclosure potential vulnerability

This article contains:

- Summary
- Potential Vulnerability Synopsis
- Affected Products
- Resolution Description
- Appendix: About CVSS

It applies to:

IP Camera and NVRs products listed in the Affected Products section of this Notification

To mitigate the risk:

- Follow Resolution Description procedure.

Skills prerequisite:

Ability to access Honeywell Commercial Security web site, ability to identify and download applicable firmware, and ability to install firmware on site in the affected products.

Summary

This security notification informs users of Honeywell IP Cameras and NVRs of a potential software vulnerability that has been identified. Honeywell recommends that immediate steps be taken to ensure this potential vulnerability is mitigated in any installed and operational system.

Attention: Due to the wide variety of security controls, implementations and interfaces, it is the responsibility of each customer to assess the potential impact within a specific operating environment.

Vulnerability Synopsis

IP camera web configuration data in JSON format can be accessed without authentication over the network.

CVSS Base Score: 5.3 (Medium)

Temporal Score: 5.1 (Medium)

CVSS Vector

<https://www.first.org/cvss/calculator/3.0#CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:N/A:N/E:H/RL:O/RC:C>.

Affected Products

The potential vulnerability affects the following product versions:

Performance IP Series Cameras	Performance Series NVRs
<ul style="list-style-type: none"> • HBD3PR2 • H4D3PRV3 • HED3PR3 • H4D3PRV2 • HBD3PR1 • H4W8PR2 • HBW8PR2 • H2W2PC1M • H2W4PER3 • H2W2PER3 • HEW2PER3 • HEW4PER3B • HBW2PER1 • HEW4PER2 • HEW4PER2B • HEW2PER2 • H4W2PER2 • HBW2PER2 • H4W2PER3 • HPW2P1 	<ul style="list-style-type: none"> • HEN08104 • HEN08144 • HEN081124 • HEN16104 • HEN16144 • HEN16184 • HEN16204 • HEN162244 • HEN16284 • HEN16304 • HEN16384 • HEN32104 • HEN321124 • HEN32204 • HEN32284 • HEN322164 • HEN32304 • HEN32384 • HEN323164 • HEN64204 • HEN64304 • HEN643164 • HEN643324 • HEN643484 • HEN04103 • HEN04113 • HEN04123 • HEN08103 • HEN08113 • HEN08123 • HEN08143 • HEN16103 • HEN16123 • HEN16143 • HEN16163 • HEN04103L • HEN08103L • HEN16103L • HEN32103L

Mitigating Factors

Honeywell recommends that customers with potentially affected products should take the following steps to protect themselves:

- Update firmware of vulnerable devices as per this security notification;
- Isolate their system from the Internet or create additional layers of defense to their system from the Internet by placing the affected hardware behind a firewall or into a DMZ; and
- If remote connections to the network are required, consider using a VPN or other means to ensure secure remote connections into the network where the device is located.

Resolution Description

Honeywell has released firmware update packages for all affected products listed above.

The package can be downloaded from:

<https://mywebtech.honeywell.com/Home>

Attention: This update should be installed by qualified personnel. Access credentials are required to access this site.

Contacting Support

For help installing, operating, maintaining, and troubleshooting this product, refer to this document and any other documentation provided. If you still have questions, contact us during business hours (Monday through Friday, excluding holidays).

Notes: Please be ready at the equipment before calling.

Table 1: Technical support

North America
T +1 800 323 4576
W www.security.honeywell.com/
Middle East, Turkey & Africa
T +9 714 454 1704
W www.security.honeywell.com/me
Europe
T +44 (0) 1928 754 028
W www.security.honeywell.com/uk
Asia Pacific
T +400 840 2233
W www.security.honeywell.com/

Credit

Thanks to Ismail Bulbul for reporting this potential vulnerability.

Appendix: About CVSS

The Common Vulnerability Scoring System (CVSS) is an open standard for communicating the characteristics and severity of software vulnerabilities. The Base score represents the intrinsic qualities of a vulnerability. The Temporal score reflects the characteristics of a vulnerability that change over time. The Environmental score is an additional score that can be used by CVSS, but is not supplied as it will differ for each customer.

The Base score has a value ranging from 0 to 10. The Temporal score has the same range and is a modification of the Base score due to current temporary factors.

The severity of the score can be summarized as follows:

Severity Rating	CVSS Score
None	0.0
Low	0.1 – 3.9
Medium	4.0 – 6.9
High	7.0 – 8.9
Critical	9.0 – 10.0

A CVSS score is also represented as a vector string, a compressed textual representation of the values used to derive the score.

Detailed information about CVSS can be found at <http://www.first.org/cvss>.

DISCLAIMERS

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