DEMONSTRATION REPORT

Smart home device security review

Demonstration sample. Illustrative data, not a client report.

Fictional setup: HavenCam C2 / firmware 5.4; HearthHub Mini / 3.9; Northwind Router / 8.1

Agreed scope

- Owner-guided review of the camera app, smart-home hub and router administration page.
- Shared users, guest access, account protection, firmware status and connected-device list.
- Network separation options were reviewed but not changed.
- No penetration testing, packet interception, cloud-server audit or viewing of private recordings.

Review methods

The fictional owner navigated each companion app and the router settings. Device models, visible firmware versions and access lists were recorded without collecting passwords or footage.

Findings and basis

Priority	Area	Finding	Basis
High	Camera sharing	A former guest still has live-view access.	The camera app lists one shared user the owner no longer recognizes as current.
Medium	Router administration	The default administrator username remains in use.	Router account panel shows the vendor default name.
Medium	Firmware	The smart-home hub is one release behind.	Vendor app offers firmware 4.0; installed version is 3.9.
Low	Device inventory	Two connected entries are not labeled.	Router list contains MAC-address-only records.

Priority recommendations

- Remove the former guest after confirming household access requirements, then review active sessions.
- Rename the router administrator account if supported and store the new credential securely.
- Check vendor release notes and update the hub during a planned maintenance window.
- Identify unlabeled entries by temporarily disconnecting known devices; do not block until identified.

Changes completed

- No settings changed during the sample. Proposed access removal requires owner approval.

Remaining actions and limitations

- Confirm whether the router supports a separate smart-device or guest network.
- Vendor cloud infrastructure and device hardware were outside scope.
- A settings review cannot rule out every security issue affecting connected devices.

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