HealthPro Accessibility Conformance Report (VPAT®)

Product & Report Information

Item	Detail
Name of Product/Version	HealthPro v1.12
Report Date	November 5, 2026
Report Version	VPAT® 2.5 (WCAG Edition)
Product Description	HealthPro is a multi-site device health monitoring web program via the cloud. HealthPro manages the key components in your security system across many locations securely via the cloud.
Key Features	Centralized health monitoring & view of all locations; Supports all devices that can use a web browser: PC, tablet, mobile; Policy management: software update, image health check; Life cycle & warranty management; Notifications & task management according to workflow; VMS (WAVE) & NVR support at scale; 3rd party device support: AXIS, i-PRO, Onvif, Allied Telesis, Cisco; Automated reporting and logs; Remote device settings, rebooting & power cycling
Contact Information	Hanwha Vision Tech Support Portal — https://support.hanwhavision.com
Evaluation Methods Used	Automated testing (@axe-core/playwright, WCAG 2.1 AA rule tags) across 43 pages and 4 interaction states (e.g., open filter popovers), run nightly against the development environment, and manual screen reader testing (NVDA + Chrome, VoiceOver + Chrome) including keyboard navigation. Conducted with participation from Hanwha Vision front-end engineers and SQE.
Evaluation Scope	Accessibility is implemented across the entire service, but **the officially supported environment is desktop, and accessibility testing was conducted on desktop.** Tablet and mobile render responsively but are out of the formal accessibility verification scope. Automated testing (axe-core) covered all 43 pages and 4 interaction states, and **manual SQE verification covered the Main, Camera, Server, Update (Firmware), License, and Warranty dashboards.**
Notes	This report will be updated when a new major version is released.

Applicable Standards/Guidelines

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines (WCAG) 2.1	Level A (Yes), Level AA (Yes), Level AAA (No)

Terms

- **Supports**: The functionality of the product has at least one method that meets the criterion without known defects, or meets with equivalent facilitation.
- **Partially Supports**: Some functionality of the product does not meet the criterion.
- **Does Not Support**: The majority of product functionality does not meet the criterion.
- **Not Applicable**: The criterion is not relevant to the product.

Conformance Status

HealthPro **supports** the majority of WCAG 2.1 Level A and AA success criteria and **partially supports** 4 criteria (0 Does Not Support). The primary reason for partial support is color contrast arising from the orange primary brand color (SC 1.4.3, 1.4.11). Because WCAG conformance requires that all criteria at a level be met, this report describes the degree of support rather than declaring full conformance.

WCAG 2.1 Report

Success criteria were evaluated for full pages, complete processes, and accessibility-supported ways of using technology, per the WCAG 2.1 Conformance Requirements.

Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content	Supports	All images provide appropriate text alternatives (empty `alt` for decorative images, descriptive `alt` for meaningful logos); fully audited. Naming of icon controls is addressed under 4.1.2.
1.2.1 Audio-only and Video-only (Prerecorded)	Not Applicable	As a monitoring tool, HealthPro does not provide audio/video media.
1.2.2 Captions (Prerecorded)	Not Applicable	No prerecorded media is provided.
1.2.3 Audio Description or Media Alternative (Prerecorded)	Not Applicable	No prerecorded media is provided.

Criteria	Conformance Level	Remarks and Explanations
1.3.1 Info and Relationships	Supports	Structure and relationships are conveyed through semantic markup and ARIA; modal and menu titles are exposed as semantic headings. No related violations were found in automated testing. Empty headers in a few Settings tables are action columns and cause no loss of relationship information.
1.3.2 Meaningful Sequence	Supports	DOM order generally matches the visual reading order. In responsive layouts, some controls are visually reordered, but the reordered items are independent controls (search, filter, refresh, etc.) whose meaning does not depend on order. No related violations in automated scanning.
1.3.3 Sensory Characteristics	Supports	Instructions do not rely solely on sensory characteristics (shape, location, sound).
1.4.1 Use of Color	Supports	Information is distinguished by shape and icons in addition to color. (A dedicated high-contrast theme is not provided; see 1.4.3.)
1.4.2 Audio Control	Not Applicable	There is no auto-playing audio.
2.1.1 Keyboard	Supports	All functionality is operable by keyboard. Popups and filters support focus trapping and Esc-to-close, and no keyboard-access violations were found in automated testing.
2.1.2 No Keyboard Trap	Supports	Every modal and panel has a keyboard-reachable, keyboard-operable close control, so no keyboard trap occurs. The device detail modal implements a standard focus trap and Esc-to-close.
2.1.4 Character Key Shortcuts	Supports	No single-character (letter/number) key shortcuts are implemented. Keyboard operation uses only standard keys (Enter/Space/Tab/Arrow/Escape), so this criterion is met.
2.2.1 Timing Adjustable	Supports	The session is extended on activity within the timeout and expires only when the timeout is exceeded.
2.2.2 Pause, Stop, Hide	Partially Supports	Real-time monitoring data auto-updates every 30–60 seconds (essential to monitoring). Progress/loading animations loop indefinitely. The user's reduced-motion preference (`prefers-reduced-motion`) is respected for some animations, such as loading skeletons, but is not yet applied globally (improvement planned).

Criteria	Conformance Level	Remarks and Explanations
2.3.1 Three Flashes or Below Threshold	Supports	No flashing content.
2.4.1 Bypass Blocks	Supports	Skip links are provided to jump directly to the main content and navigation.
2.4.2 Page Titled	Supports	Every page has a unique, descriptive title.
2.4.3 Focus Order	Supports	Focus order follows the layout flow and is logical.
2.4.4 Link Purpose (In Context)	Supports	Links convey their purpose in context.
2.5.1 Pointer Gestures	Supports	No path-based or multipoint gestures are required.
2.5.2 Pointer Cancellation	Supports	Standard click (up-event) behavior allows actions to be aborted.
2.5.3 Label in Name	Supports	Controls with a visible text label include that text in their accessible name. Icon-only controls provide a separate accessible name for assistive technology, following a team convention that keeps the tooltip text and the accessible name identical when a tooltip is present.
2.5.4 Motion Actuation	Not Applicable	No functionality is operated by device motion.
3.1.1 Language of Page	Supports	The page's default language (`lang` attribute) is set to match the current display language.
3.2.1 On Focus	Supports	Focus alone does not trigger a change of context.
3.2.2 On Input	Supports	Changing an input value alone does not trigger a change of context (applied only on submit).
3.3.1 Error Identification	Supports	Input errors are identified and described visually and in text.
3.3.2 Labels or Instructions	Supports	Form controls provide labels and instructions. The latest axe scan (2026-11-05) reported 0 `label` violations.
4.1.1 Parsing	Supports	Per the WCAG 2.1 erratum this criterion is obsolete and considered always satisfied. No parsing-blocking markup issues were found.
4.1.2 Name, Role, Value	Supports	Controls provide name, role, and value via semantic elements and ARIA, including sliders and other input controls. No name, role, or nested-interactive violations

Criteria	Conformance Level	Remarks and Explanations
		were found in automated testing. The location navigation tree uses the treegrid pattern (`role="treegrid"`/`row`/`gridcell`) so that controls inside tree rows (expand, more actions, etc.) are exposed separately from the row and can be operated with a screen reader (NVDA) in its default browse mode.

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live)	Not Applicable	No live media is provided.
1.2.5 Audio Description (Prerecorded)	Not Applicable	No prerecorded media is provided.
1.3.4 Orientation	Supports	No orientation restriction within the supported environment (desktop). Tablet and mobile are out of scope; on small landscape screens an overlay prompts portrait use.
1.3.5 Identify Input Purpose	Supports	Input fields that collect the user's own information (password change) apply `autocomplete` purpose tokens. Login and account authentication are handled by an external identity provider (SSO), and there are no other personal-information input fields in the app.
1.4.3 Contrast (Minimum)	Partially Supports	The most widespread item detected by automated scanning (100+ nodes across many pages). Much of this stems from an **intentional design decision** to apply the **orange primary brand color** to text, icons, and accent elements per brand guidelines, which falls below 4.5:1 on white backgrounds. Some secondary text and status elements are also slightly below 4.5:1. This is acknowledged; an intentional brand-color choice is not an exemption from this criterion, so the level remains Partially Supports.
1.4.4 Resize Text	Supports	Readability and functionality are maintained at 200% browser zoom.
1.4.5 Images of Text	Supports	Text is rendered as real text rather than images (excluding icons).

Criteria	Conformance Level	Remarks and Explanations
1.4.10 Reflow	Partially Supports	Core monitoring dashboards reflow down to mobile widths (responsive + container queries). Data tables scroll horizontally under the 2D-content exception. However, the Settings and Policy screens are desktop-only (unsupported on mobile).
1.4.11 Non-text Contrast	Partially Supports	Focus indicators use a high-contrast outline (≥3:1). Some UI component boundaries and graphical objects (charts, status indicators, badges) apply the orange brand color (intentional design) and may fall below 3:1; not yet fully audited. See 1.4.3 for the related contrast issue.
1.4.12 Text Spacing	Supports	No `!important` styles force text spacing, so user-defined spacing can be applied. The flexible layout shows no loss of content when spacing is increased.
1.4.13 Content on Hover or Focus	Supports	Content shown on hover/focus (e.g., tooltips) is dismissable (Esc), hoverable (remains when the pointer moves over it), and persistent (stays visible while hovered/focused).
2.4.5 Multiple Ways	Supports	A global navigation menu (consistent navigation) and breadcrumb trail are provided, and location-specific dashboards are also reachable via the location tree — more than one way to locate a page.
2.4.6 Headings and Labels	Supports	Headings and labels describe topic and purpose. Each page exposes its title as a top-level heading (including while data is loading or unavailable), and modal/menu titles are exposed as semantic headings. No heading-related violations were found in automated testing.
2.4.7 Focus Visible	Supports	A clear focus indicator (high-contrast outline) is provided consistently on all interactive elements.
3.1.2 Language of Parts	Supports	The language of parts within a page is consistent with the page language.
3.2.3 Consistent Navigation	Supports	Navigation is consistent across pages.
3.2.4 Consistent Identification	Supports	Components with the same functionality are identified consistently.
3.3.3 Error Suggestion	Supports	Correction suggestions are presented visually when errors occur.

Criteria	Conformance Level	Remarks and Explanations
3.3.4 Error Prevention (Legal, Financial, Data)	Supports	Irreversible actions such as deletion and reboot include a confirmation step.
4.1.3 Status Messages	Supports	Status messages — loading, search results/counts, and action success/failure notifications — are exposed via live regions (`role="status"`/`aria-live`) and conveyed to assistive technology without moving focus.

Summary

Conformance Level	Level A	Level AA	Total
Supports	24	15	39
Partially Supports	1	3	4
Does Not Support	0	0	0
Not Applicable	5	2	7
Subtotal	**30**	**20**	**50**

4 Partially Supports: 1.4.3 Contrast, 1.4.11 Non-text Contrast, 1.4.10 Reflow, 2.2.2 Pause/Stop/Hide. Per the latest axe scan (2026-11-05), the measured violations are `color-contrast` (site-wide) and `empty-table-header` (Settings).

Prepared: July 12, 2026. Updated: November 5, 2026 (v1.12). Evaluation basis: axe-core automated scan (43 pages + 4 interaction states), manual audit, and code review.