

# ViewSonic Accessibility Conformance Report

EN 301 549 Edition

(Based on VPAT® Version 2.5Rev)

## Name of Product / Version:

IFP5551 / VS20432

IFP6551 / VS17342

IFP7551 / VS17435

IFP8651 / VS20434

IFP9851 / VS20435

**Report Date:** July 2025

## Product Description:

IFP51 series is Enterprise Device Licensing Agreement (EDLA) certified ViewBoard® 55" / 65" / 75" / 86" / 98" 4K interactive display series.

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# Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
<a href="#">Web Content Accessibility Guidelines 2.0</a>	Level A (No) Level AA (No) Level AAA (No)
<a href="#">Web Content Accessibility Guidelines 2.1</a>	Level A (No) Level AA (No) Level AAA (No)
<a href="#">EN 301 549 Accessibility requirements for ICT products and services - V3.1.1 (2019-11) AND EN 301 549 Accessibility requirements for ICT products and services - V3.2.1 (2021-03)</a>	Yes

## Terms

The terms used in the Conformance Level information are defined as follows:

- **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.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can only be used in WCAG Level AAA criteria.

# WCAG 2.1 Report

## Table 1: Conformance Criteria, Level A

Refer to Android 14.0 VPAT

## Table 2: Conformance Criteria, Level AA

Refer to Android 14.0 VPAT

Note: When reporting on conformance with the WCAG 2.1 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.1 Conformance Requirements](#).

# EN 301 549 Report

## Clause 4: [Functional Performance Statements \(FPS\)](#)

Criteria	Conformance Level	Remarks and Explanations
<p><b>4.2.1 Usage without vision</b></p> <p>Where ICT provides visual modes of operation, the ICT provides at least one mode of operation that does not require vision. This is essential for users without vision and benefits many more users in different situations.</p>	Supports	Android 14.0 OS includes TalkBack function for users who are blind or have low vision. TalkBack turns every interface element into speech or Braille, adds fast two-part touch gestures and matching Braille-display commands for cursor movement and cut-copy-paste, widens native Braille support to 38 languages with smooth auto scroll and subtle haptics, offers an instant volume key toggle and container-level navigation for quicker scanning, and delivers the same responsive, clearer spell-check feedback, smarter time announcements, and performance gains across the ViewSonic IFP series.
<p><b>4.2.2 Usage with limited vision</b></p> <p>Where ICT provides visual modes of operation, the ICT provides features that enable users to make better use of their limited vision. This is essential for users with limited vision and benefits many more users in different situations.</p>	Supports	Android 14.0 OS includes TalkBack function for users who are blind or have low vision. TalkBack turns every interface element into speech or Braille, adds fast two-part touch gestures and matching Braille-display commands for cursor movement and cut-copy-paste, widens native Braille support to 38 languages with smooth auto-scroll and subtle haptics, offers an instant volume-key toggle and container-level navigation for quicker scanning, and delivers the same responsive, clearer spell-check feedback, smarter

Criteria	Conformance Level	Remarks and Explanations
		time announcements, and performance gains across the ViewSonic IFP series.
<p><b>4.2.3 Usage without perception of colour</b></p> <p>Where ICT provides visual modes of operation, the ICT provides a visual mode of operation that does not require user perception of colour. This is essential for users with limited colour perception and benefits many more users in different situations.</p>	Supports	Android 14.0 OS pulls its color-vision aids into one “Color & motion” hub: with a tap or volume-key shortcut you can apply red-green, blue-yellow or full-grayscale correction—and an intensity slider lets you dial the shift exactly to your eyes. If an interface still relies on hue, you can flip the whole palette with color inversion or swap to the new system-wide monochrome Material You theme, replacing color cues with shape and text while keeping everything consistent. A high-contrast-text toggle then thickens glyph edges for crisp legibility, so labels, icons and notifications stand out without relying on color at all.
<p><b>4.2.4 Usage without hearing</b></p> <p>Where ICT provides auditory modes of operation, the ICT provides at least one mode of operation that does not require hearing. This is essential for users without hearing and benefits many more users in different situations.</p>	Supports	Audio is not mandatory required for the operation of IFP series.
<p><b>4.2.5 Usage with limited hearing</b></p> <p>Where ICT provides auditory modes of operation, the ICT provides enhanced audio features. This is essential for users with limited hearing and benefits many more users in different situations.</p>	Supports	Audio is not mandatory required for the operation of IFP series.
<p><b>4.2.6 Usage with no or limited vocal capability</b></p> <p>Where ICT requires vocal input from users, the ICT provides at least one mode of operation that does not require them to</p>	Supports	Vocal input is not mandatory required for the operation of IFP series.

Criteria	Conformance Level	Remarks and Explanations
generate vocal output. This is essential users with no or limited vocal capability and benefits many more users in different situations.		
<p><b>4.2.7 Usage with limited manipulation or strength</b></p> <p>Where ICT requires manual actions, the ICT provides features that enable users to make use of the ICT through alternative actions not requiring manipulation, simultaneous action or hand strength. This is essential for users with limited manipulation or strength and benefits many more users in different situations.</p>	Supports	Android 14.0 OS includes Accessibility features to assist users who do not have fine motor control and can't perform simultaneous actions easily: Talkback, Voice Access, Switch Access, Accessibility Menu, Action Blocks.
<p><b>4.2.8 Usage with limited reach</b></p> <p>Where ICT products are free-standing or installed, all the elements required for operation will need to be within reach of all users. This is essential for users with limited reach and benefits many more users in different situations.</p>	Supports	Android 14.0 OS includes Accessibility features to assist users who do not have fine motor control and can't perform simultaneous actions easily: Talkback, Voice Access, Switch Access, Accessibility Menu, Action Blocks.
<p><b>4.2.9 Minimize photosensitive seizure triggers</b></p> <p>Where ICT provides visual modes of operation, the ICT provides at least one mode of operation that minimizes the potential for triggering photosensitive seizures. This is essential for users with photosensitive seizure triggers.</p>	Supports	Visual modes are not mandatory required for the operation of IFP series.
<p><b>4.2.10 Usage with limited cognition, language or learning</b></p> <p>The ICT provides features and/or presentation that makes it simpler and easier to understand, operate and use. This is essential for users with limited cognition, language or learning, and benefits many more users in different situations.</p>	Supports	Android 14.0 OS gives people with limited language, cognitive or learning abilities clearer text, spoken support and simpler actions: Reading Mode and Select-to-Speak can strip distractions from any screen and read content aloud, while non-linear font scaling up to 200% preserves layout and legibility; Live Caption now offers Expressive Captions that inject tone and sound

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		labels so videos and voice notes make more sense; Action Blocks lets caregivers pin large, picture-based widgets that trigger complex Assistant commands, like “call Mum” or “start YouTube” with a single tap, removing multi-step effort.
<p><b>4.2.11 Privacy</b></p> <p>Where ICT provides features for accessibility, the ICT maintains the privacy of users of these features at the same level as other users.</p>	Supports	The accessibility privacy of users of the IFP series is at the same level as other users.

## Clause 5: Generic Requirements

Criteria	Conformance Level	Remarks and Explanations
<b>5.1 Closed functionality</b>	Heading cell – no response required	Heading cell – no response required
<b>5.1.2 General</b>	Heading cell – no response required	Heading cell – no response required
<b>5.1.2.1 Closed functionality</b>	See 5.2 through 13	See information in 5.2 through 13
<b>5.1.2.2 Assistive technology</b>	See 5.1.3 through 5.1.6	See information in 5.1.3 through 5.1.6
<b>5.1.3 Non-visual access</b>	Heading cell – no response required	Heading cell – no response required
<p><b>5.1.3.1 Audio output of visual information</b></p> <p>Where visual information is needed to enable the use of those functions of ICT that are closed to assistive technologies for screen reading, ICT shall provide at least one mode of operation using non-visual access to enable the use of those functions.</p>	Supports	Android 14.0 OS includes TalkBack function for all information displayed on-screen. TalkBack turns every interface element into speech, offers an instant volume-key toggle and container-level navigation for quicker scanning, and delivers the same responsive, clearer spell-check feedback, smarter time announcements, and performance gains across the ViewSonic IFP series.
<p><b>5.1.3.2 Auditory output delivery including speech</b></p> <p>Where auditory output is provided as non-visual access to closed functionality, the auditory output shall be delivered:</p> <ul style="list-style-type: none"> <li>a) either directly by a mechanism included in or provided with the ICT; or</li> <li>b) by a personal headset that can be connected through a 3,5 mm audio jack, or an industry standard connection, without requiring the use of vision.</li> </ul>	Supports	<p>Auditory output is delivered via the following options:</p> <ul style="list-style-type: none"> <li>a) The speakers in the device</li> <li>b) Headphones can be connected to the IFP series via USB, a USB-C to 3.5mm Headphone Jack Adapter, or over standard Bluetooth protocols.</li> </ul>

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		TalkBack on IFP series is available in over 30 languages in synthesized speech.
<p><b>5.1.3.3 Auditory output correlation</b></p> <p>Where auditory output is provided as non-visual access to closed functionality, and where information is displayed on the screen, the ICT should provide auditory information that allows the user to correlate the audio with the information displayed on the screen.</p>	Supports	<p>Android 14.0 OS includes TalkBack function. When TalkBack is on, each object it speaks is simultaneously ringed by a focus box on-screen, letting users with residual vision or helpers see exactly what the audio refers to. That outline is fully customizable (color, thickness) so the visual signal remains noticeable under different lighting or UI themes. System notifications, menus, timed pop-ups and media captions are exposed through the same accessibility APIs, so TalkBack voices them in sync with their visual presentation; third-party apps that label their controls correctly inherit the same behavior automatically.</p>
<p><b>5.1.3.4 Speech output user control</b></p> <p>Where speech output is provided as non-visual access to closed functionality, the speech output shall be capable of being interrupted and repeated when requested by the user, where permitted by security requirements.</p>	Supports	<p>While TalkBack is speaking, a single tap anywhere on the touchscreen immediately stops the speech stream – the OS exposes this gesture system-wide, so users can silence</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>any announcement as soon as they want.</p> <p>Users can replay the most recent phrase whenever they choose: open the Global Context Menu with the standard swipe down-then-right angle gesture and pick “Repeat last utterance,” or map that action to another custom gesture or Braille-display command. The menu option is present across the entire UI and in every app that follows TalkBack’s accessibility API.</p>
<p><b>5.1.3.5 Speech output automatic interruption</b></p> <p>Where speech output is provided as non-visual access to closed functionality, the ICT shall interrupt current speech output when a user action occurs and when new speech output begins.</p>	<p>Supports</p>	<p>Any user action cuts the speech off immediately. TalkBack tells users they can simply touch the display (or two-finger-tap on newer builds) to “stop reading” mid-utterance; the current announcement is halted as soon as that gesture is detected.</p> <p>Every new announcement flushes the old one automatically. TalkBack fires its text-to-speech requests with `QUEUE_FLUSH`, so when a notification arrives or the user moves focus, the system stops the ongoing</p>

Criteria	Conformance Level	Remarks and Explanations
		utterance and starts the new one instead.
<p><b>5.1.3.6 Speech output for non-text content</b></p> <p>Where ICT presents non-text content, the alternative for non-text content shall be presented to users via speech output unless the non-text content is pure decoration or is used only for visual formatting. The speech output for non-text content shall follow the guidance for "text alternative" described in WCAG 2.1 [5] Success Criterion 1.1.1.</p>	Supports	Android 14 exposes a built-in path for every non-text element to be voiced: developers add a contentDescription (or an equivalent Compose semantics label) and TalkBack immediately speaks that text whenever the item gains accessibility focus—meeting WCAG 2.1 SC 1.1.1’s requirement for a text alternative and providing the mandated speech output for non-text content.
<p><b>5.1.3.7 Speech output for video information</b></p> <p>Where pre-recorded video content is needed to enable the use of closed functions of ICT and where speech output is provided as non-visual access to closed functionality, the speech output shall present equivalent information for the pre-recorded video content.</p>	Not applicable	Not applicable
<p><b>5.1.3.8 Masked entry</b></p> <p>Where auditory output is provided as non-visual access to closed functionality, and the characters displayed are masking characters, the auditory output shall not be a spoken version of the characters entered unless the auditory output is known to be delivered only to a mechanism for private listening, or the user explicitly chooses to allow non-private auditory output.</p>	Supports	In password (masked-character) fields, TalkBack’s Speak passwords setting is off by default. With the setting off, each character you type is voiced only when a headset or other private-audio device is connected; over the phone’s loud-speaker it is replaced by a generic cue (“dot”) or nothing at all. Users who explicitly

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		<p>enable Speak passwords in Accessibility ▶ TalkBack ▶ Settings accept that characters will be read aloud through the device speaker; this opt-in meets the clause’s allowance for “user explicitly chooses.” If an enterprise policy forbids audible password echo, administrators can lock the setting, keeping the OS within security requirements.</p>
<p><b>5.1.3.9 Private access to personal data</b>  Where auditory output is provided as non-visual access to closed functionality, and the output contains data that is considered to be private according to the applicable privacy policy, the corresponding auditory output shall only be delivered through a mechanism for private listening that can be connected without requiring the use of vision, or through any other mechanism explicitly chosen by the user.</p>	<p>Partially Supports</p>	<p>Android 14’s TalkBack will read incoming notifications, message text and other on-screen information aloud through the phone’s loud-speaker as soon as the user enables TalkBack. Although the Speak passwords option is off by default, so masked fields are only voiced when headphones are connected, there is no equivalent safeguard for other private data. Users may connect a wired or Bluetooth headset (and can do so non-visually with TalkBack guidance), or choose “Hide screen” or “Cover proximity sensor to stop speech” for ad-hoc privacy, but these are</p>

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		voluntary add-ons, not an automatic requirement.
<p><b>5.1.3.10 Non-interfering audio output</b></p> <p>Where auditory output is provided as non-visual access to closed functionality, the ICT shall not automatically play, at the same time, any interfering audible output that lasts longer than three seconds.</p>	Supports	Android 14 gives TalkBack the tools to keep other sounds from clashing with its speech. TalkBack is shipped with Audio ducking on by default; whenever TalkBack starts speaking it requests transient audio focus and the system automatically lowers-the-volume (ducks) or pauses other apps' audio so the user can hear the screen reader clearly.
<p><b>5.1.3.11 Private listening volume</b></p> <p>Where auditory output is provided as non-visual access to closed functionality and is delivered through a mechanism for private listening, ICT shall provide at least one non-visual mode of operation for controlling the volume.</p>	Supports	The volume of IFP series can be controlled via physical buttons on the device or through onscreen controls. IFP series is compatible with Bluetooth-enabled hearing aid solutions. Any of these wired devices with a 3.5mm headphone jack can connect to the IFP series.
<p><b>5.1.3.12 Speaker volume</b></p> <p>Where auditory output is provided as non-visual access to closed functionality and is delivered through speakers on ICT, a non-visual incremental volume control shall be provided with output amplification up to a level of at least 65 dBA (-29 dBPaA).</p>	Supports	Android 14 supplies the required non-visual, step-wise volume controls, and typical Android handsets easily exceed the 65 dBA loudness threshold.
<p><b>5.1.3.13 Volume reset</b></p>	Partially Supports	IFP series lacks the mandatory volume reset control. Public

Criteria	Conformance Level	Remarks and Explanations
Where auditory output is provided as non-visual access to closed functionality, a function that resets the volume to be at a level of 65 dBA or less after every use, shall be provided, unless the ICT is dedicated to a single user.		deployments would need an MDM policy, or custom ROM to achieve compliance.
<p><b>5.1.3.14 Spoken languages</b></p> <p>Where speech output is provided as non-visual access to closed functionality, speech output shall be in the same human language as the displayed content provided, except:</p> <ul style="list-style-type: none"> <li>a) for proper names, technical terms, words of indeterminate language, and words or phrases that have become part of the vernacular of the immediately surrounding text;</li> <li>b) where the content is generated externally and not under the control of the ICT vendor, the present clause shall not be required to apply for languages not supported by the ICT's speech synthesizer;</li> <li>c) for displayed languages that cannot be selected using non-visual access;</li> <li>d) where the user explicitly selects a speech language that is different from the language of the displayed content.</li> </ul>	Supports	Android 14's TalkBack delivers speech in the same human language that appears on-screen, and it lets users change that language non-visually.
<p><b>5.1.3.15 Non-visual error identification</b></p> <p>Where speech output is provided as non-visual access to closed functionality and an input error is automatically detected, speech output shall identify and describe the item that is in error.</p>	Supports	TalkBack does voice input-validation problems the moment the system (or an app that uses the standard APIs) flags a field as erroneous.
<p><b>5.1.3.16 Receipts, tickets, and transactional outputs</b></p> <p>Where ICT is closed to visual access and provides receipts, tickets or other outputs as a result of a self-service transaction, speech output shall be provided which shall include all information</p>	Not applicable	Not applicable

Criteria	Conformance Level	Remarks and Explanations
<p>necessary to complete or verify the transaction. In the case of ticketing machines, printed copies of itineraries and maps shall not be required to be audible.</p>		
<p><b>5.1.4 Functionality closed to text enlargement</b></p> <p>Where any functionality of ICT is closed to the text enlargement features of platform or assistive technology, the ICT shall provide a mode of operation where the text and images of text necessary for all functionality is displayed in such a way that a non-accented capital "H" subtends an angle of at least 0,7 degrees at a viewing distance specified by the supplier.</p> <p>The subtended angle, in degrees, may be calculated from:</p> $\Psi = (180 \times H) / (\pi \times D)$ <p>Where:</p> <ul style="list-style-type: none"> <li>• <math>\psi</math> is the subtended angle in degrees</li> <li>• H is the height of the text</li> <li>• D is the viewing distance</li> <li>• D and H are expressed in the same units</li> </ul>	Supports	Every part of the Android 14.0 UI can be enlarged far enough to meet the 0.7-degree "capital-H" target.
<p><b>5.1.5 Visual output for auditory information</b></p> <p>Where auditory information is needed to enable the use of closed functions of ICT, the ICT shall provide visual information that is equivalent to the auditory output.</p>	Supports	Android 14 gives users built-in ways to see everything they would otherwise have to hear, such as Full-screen or banner notifications with text/icons, Live Caption, Live Transcribe.
<p><b>5.1.6 Operation without keyboard interface</b></p>	Heading cell – no response required	Heading cell – no response required
<p><b>5.1.6.1 Closed functionality</b></p>	See 5.1.3.1 through 5.1.3.16	See information in 5.1.3.1 through 5.1.3.16

Criteria	Conformance Level	Remarks and Explanations
<p><b>5.1.6.2 Input focus</b></p> <p>Where ICT functionality is closed to keyboards or keyboard interfaces and where input focus can be moved to a user interface element, it shall be possible to move the input focus away from that element using the same mechanism, in order to avoid trapping the input focus.</p>	Supports	Android 14.0 supports to move the input focus away from that element using the same mechanism, in order to avoid trapping the input focus.
<p><b>5.1.7 Access without speech</b></p> <p>Where speech is needed to operate closed functions of ICT, the ICT shall provide at least one mode of operation using an alternative input mechanism that does not require speech.</p>	Supports	Speech is not mandatory required for the operation of IFP series.
<p><b>5.2 Activation of accessibility features</b></p> <p>Where ICT has documented accessibility features, it shall be possible to activate those documented accessibility features that are required to meet a specific need without relying on a method that does not support that need.</p>	Supports	Android 14 lets people turn on its documented accessibility features using activation methods, such as Hardware shortcut, Shortcut picker, Voice control, Magnification shortcut options, Voice activation.
<p><b>5.3 Biometrics</b></p> <p>Where ICT uses biological characteristics, it shall not rely on the use of a particular biological characteristic as the only means of user identification or for control of ICT.</p>	Not applicable	Not applicable
<p><b>5.4 Preservation of accessibility information during conversion</b></p> <p>Where ICT converts information or communication it shall preserve all documented non-proprietary information that is provided for accessibility, to the extent that such information can be contained in or supported by the destination format.</p>	Supports	Accessibility structure, markup, and descriptions are preserved when converting documents, spreadsheets, presentations, and images into different formats.
<p><b>5.5 Operable parts</b></p>	Heading cell – no response required	Heading cell – no response required

Criteria	Conformance Level	Remarks and Explanations
<p><b>5.5.1 Means of operation</b></p> <p>Where ICT has operable parts that require grasping, pinching, or twisting of the wrist to operate, an accessible alternative means of operation that does not require these actions shall be provided.</p>	Supports	Users can easily operate IFP51 series with one hand. And Android 14.0 provides several built-in alternatives, such as Accessibility Menu, Voice Access, TalkBack, Switch Access.
<p><b>5.5.2 Operable parts discernibility</b></p> <p>Where ICT has operable parts, it shall provide a means to discern each operable part, without requiring vision and without performing the action associated with the operable part.</p>	Supports	IFP51 series supports operable parts to be operated by touch and tactilely discerned without vision.
<p><b>5.6 Locking or toggle controls</b></p>	Heading cell – no response required	Heading cell – no response required
<p><b>5.6.1 Tactile or auditory status</b></p> <p>Where ICT has a locking or toggle control and the status of that control is visually presented to the user, the ICT shall provide at least one mode of operation where the status of the control can be determined either through touch or sound without operating the control.</p>	Not applicable	Not applicable
<p><b>5.6.2 Visual status</b></p> <p>Where ICT has a locking or toggle control and the status of the control is non-visually presented to the user, the ICT shall provide at least one mode of operation where the status of the control can be visually determined when the control is presented.</p>	Not applicable	Not applicable
<p><b>5.7 Key repeat</b></p> <p>Where ICT has a key repeat function that cannot be turned off:</p> <ul style="list-style-type: none"> <li>a) the delay before the key repeat shall be adjustable to at least 2 seconds; and</li> <li>b) the key repeat rate shall be adjustable down to one character per 2 seconds.</li> </ul>	Not applicable	Not applicable

Criteria	Conformance Level	Remarks and Explanations
<p><b>5.8 Double-strike key acceptance</b></p> <p>Where ICT has a keyboard or keypad, the delay after any keystroke, during which an additional key-press will not be accepted if it is identical to the previous keystroke, shall be adjustable up to at least 0,5 seconds.</p>	Not applicable	Not applicable
<p><b>5.9 Simultaneous user actions</b></p> <p>Where ICT has a mode of operation requiring simultaneous user actions for its operation, such ICT shall provide at least one mode of operation that does not require simultaneous user actions to operate the ICT.</p>	Supports	IFP51 series does not require simultaneous user actions for its operation.

## Clause 8: Hardware

Criteria	Conformance Level	Remarks and Explanations
<b>8.1.1 Generic requirements</b>	Heading cell – no response required	Heading cell – no response required
<b>8.1.2 Standard connections</b> Where an ICT provides user input or output device connection points, the ICT shall provide at least one input and/or output connection that conforms to an industry standard non-proprietary format, directly or through the use of commercially available adapters.	Supports	IFP51 series support HDMI / Type-c / USB / VGA / RS-232 / RJ-45...etc. multiple industry standard non-proprietary formats of connections
<b>8.1.3 Colour</b> Where the ICT has hardware aspects that use colour, colour shall not be used as the only visual means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Supports	The power indicator of the IFP series shows power status by blue/red/flashing between blue and red color. Users can also tell the power status by tapping the screen to wake the display from sleep mode. Also, there is information given in apps, such as monitoring the device's status in Manager, that do not provide another means of distinguishing a visual element. But Android 14.0 OS provides accessible features to support color blindness and other vision challenges users.
<b>8.2 Hardware products with speech output</b>	Heading cell – no response required	Heading cell – no response required
<b>8.2.1.1 Speech volume range</b> Where ICT hardware has speech output, it shall provide a means to adjust the speech output volume level over a range of at least 18 dB.	Supports	The volume of IFP51 series can be adjusted via physical buttons, or onscreen control bars over a range of at least 18 dB.

Criteria	Conformance Level	Remarks and Explanations
<p><b>8.2.1.2 Incremental volume control</b></p> <p>Where ICT hardware has speech output and its volume control is incremental, it shall provide at least one intermediate step of 12 dB gain above the lowest volume setting.</p>	Supports	The volume of IFP51 series can be adjusted via physical buttons, or onscreen control bars and its volume control is incremental. It can provide intermediate step of 12 dB gain above the lowest volume setting.
<p><b>8.2.2.1 Fixed-line devices</b></p> <p>Where ICT hardware is a fixed-line communication device with speech output and which is normally held to the ear, it shall provide a means of magnetic coupling which meets the requirements of ETSI ES 200 381-1 [2] and shall carry the "T" symbol specified in ETSI ETS 300 381.</p>	Not applicable	Not applicable
<p><b>8.2.2.2 Wireless communication devices</b></p> <p>Where ICT hardware is a wireless communication device with speech output which is normally held to the ear, it shall provide a means of magnetic coupling to hearing technologies which meets the requirements of ETSI ES 200 381-2.</p>	Not applicable	Not applicable
<p><b>8.3 Stationary ICT</b></p>	Heading cell – no response required	Heading cell – no response required
<p><b>8.3.2.1 Unobstructed high forward reach</b></p> <p>Where no part of the stationary ICT obstructs the forward reach, at least one of each type of operable part shall be located no higher than 1220 mm (48 inches) above the floor of the access space. This is shown in Figure 2.</p>	Supports	<p>The product dimension of the IFP51 series is (W x H x D):</p> <p>IFP5551: 1269.8 x 789.3 x 83.7 mm</p> <p>IFP6551: 1488.4 x 914.2 x 85.3 mm</p> <p>IFP7551: 1709.1 x 1037.5 x 85.5 mm</p> <p>IFP8651: 1957 x 1177.6 x 85.5 mm</p> <p>IFP9851: 2219.6 x 1323.3 x 85.1 mm</p> <p>The IFP series is a flat-panel interactive whiteboard display and</p>

Criteria	Conformance Level	Remarks and Explanations
		<p>has multiple panel size that users can mount on a wall at any height/width to meet the requirement.</p> <p>Users can use the PNT-001 telescopic stylus, which features a seven-segment design that extends up to one meter, making it easy to reach any point on the screen.</p>
<p><b>8.3.2.2 Unobstructed low forward reach</b></p> <p>Where no part of the stationary ICT obstructs the forward reach, at least one of each type of operable part shall be located no lower than 380 mm (15 inches) above the floor of the access space.</p> <p>This is shown in Figure 2.</p>	Supports	<p>The IFP series is a flat-panel interactive whiteboard display and has multiple panel size that users can mount on a wall at any height/width to meet the requirement. Users can install the IFP series products on the 380 mm high wall above the floor to meet the unobstructed forward reach requirement.</p>
<p><b>8.3.2.3.1 Clear space</b></p> <p>Where an obstruction is an integral part of the stationary ICT and hinders the access to any type of operable part, the ICT shall provide a clear space which extends beneath the obstructing element for a distance not less than the required reach depth over the obstruction.</p>	Supports	<p>The IFP series is a flat-panel interactive whiteboard display and has multiple panel size that users can mount on a wall at any height/width to meet the clear space requirement.</p>
<p><b>8.3.2.3.2 Obstructed (&lt; 510 mm) forward reach</b></p> <p>Where the stationary ICT has an obstruction which is an integral part of the ICT and which is less than 510 mm (20 inches), the forward reach to at least one of each type of operable part shall be</p>	Supports	<p>The IFP series is a flat-panel interactive whiteboard display and has multiple panel size that users can</p>

Criteria	Conformance Level	Remarks and Explanations
<p>no higher than 1220 mm (48 inches) above the floor contact of the ICT.</p> <p>This is shown in Figure 3 (a).</p>		<p>mount on a wall at any height/width to meet the requirement.</p>
<p><b>8.3.2.3.3 Obstructed (&lt; 635 mm) forward reach</b></p> <p>Where the stationary ICT has an obstruction which is an integral part of the ICT and which is not less than 510 mm (20 inches) but is less than 635 mm (25 inches) maximum, the forward reach to at least one of each type of operable part shall be no higher than 1120 mm (44 inches) above the floor contact of the ICT.</p> <p>This is shown in Figure 3 (b).</p>	<p>Supports</p>	<p>The IFP series is a flat-panel interactive whiteboard display and has multiple panel size that users can mount on a wall at any height/width to meet the requirement.</p>
<p><b>8.3.2.4 Knee and toe clearance width</b></p> <p>Where the space under an obstacle that is an integral part of the stationary ICT is part of access space, the clearance shall be at least 760 mm (30 inches) wide.</p>	<p>Supports</p>	<p>The IFP series is a flat-panel interactive whiteboard display with multiple panel size and has no operable parts to obstruct users' knees and toes. Users can mount on a wall at any height/width to meet the requirement.</p>
<p><b>8.3.2.5 Toe clearance</b></p> <p>Where an obstacle is an integral part of the stationary ICT, a space under the obstacle that is less than 230 mm (9 inches) above the floor is considered toe clearance and shall:</p> <ul style="list-style-type: none"> <li>a) extend 635 mm (25 inches) maximum under the whole obstacle;</li> <li>b) provide a space at least 430 mm (17 inches) deep and 230 mm (9 inches) above the floor under the obstacle;</li> <li>c) extend no more than 150 mm (6 inches) beyond any obstruction at 230 mm (9 inches) above the floor.</li> </ul>	<p>Supports</p>	<p>The IFP series is a flat-panel interactive whiteboard display with multiple panel size and has no operable parts to obstruct users' knees and toes. Users can mount on a wall at any height/width to meet the requirement.</p>

Criteria	Conformance Level	Remarks and Explanations
<p>This is shown in Figure 4.</p>		
<p><b>8.3.2.6 Knee clearance</b></p> <p>Where an obstacle is an integral part of the stationary ICT, the space under the obstacle that is between 230 mm (9 inches) and 685 mm (25 inches) above the floor is considered knee clearance and shall:</p> <ul style="list-style-type: none"> <li>a) extend no more than 635 mm (25 inches) under the obstacle at a height of 230 mm (9 inches) above the floor;</li> <li>b) extend at least 280 mm (11 inches) under the obstacle at a height of 230 mm (9 inches) above the floor;</li> <li>c) extend at least 205 mm (8 inches) under the obstacle at a height of 685 mm (27 inches) above the floor;</li> <li>d) be permitted to be reduced in depth at a rate of 25 mm (1 inch) for each 150 mm (6 inches) in height.</li> </ul> <p>This is shown in Figure 5.</p>	<p>Supports</p>	<p>The IFP series is a flat-panel interactive whiteboard display with multiple panel size and has no operable parts to obstruct users' knees and toes. Users can mount on a wall at any height/width to meet the requirement.</p>
<p><b>8.3.3.1 Unobstructed high side reach</b></p> <p>Where the side reach is unobstructed or obstructed by an element that is an integral part of the stationary ICT and which is less than 255 mm (10 inches), at least one of each type of operable part shall be within a high side reach which is less than or equal to 1220 mm (48 inches) above the floor of the access space.</p> <p>This is shown in Figure 6.</p>	<p>Supports</p>	<p>The product dimension of the IFP51 series is (W x H x D):</p> <p>IFP5551: 1269.8 x 789.3 x 83.7 mm  IFP6551: 1488.4 x 914.2 x 85.3 mm  IFP7551: 1709.1 x 1037.5 x 85.5 mm  IFP8651: 1957 x 1177.6 x 85.5 mm  IFP9851: 2219.6 x 1323.3 x 85.1 mm</p> <p>The IFP series is a flat-panel interactive whiteboard display with multiple panel size. Users can mount on a wall at any height/width to meet the requirement.</p>

Criteria	Conformance Level	Remarks and Explanations
<p><b>8.3.3.2 Unobstructed low side reach</b></p> <p>Where the side reach is unobstructed or obstructed by an element that is an integral part of the stationary ICT and which is less than 255 mm (10 inches), at least one of each type of operable part shall be within a low side reach which is greater than or equal to 380 mm (15 inches) above the floor of the access space.</p> <p>This is shown in Figure 6.</p>	Supports	The IFP series is a flat-panel interactive whiteboard display with multiple panel size. Users can mount on a wall at any height/width to meet the requirement.
<p><b>8.3.3.3.1 Obstructed (<math>\leq 255</math> mm) side reach</b></p> <p>Where stationary ICT has an obstruction which is an integral part of the ICT, the height of the obstruction shall be less than 865 mm (34 inches). Where the depth of the obstruction is less than or equal to 255 mm (10 inches), the high side reach to at least one of each type of operable part shall be no higher than 1220 mm (48 inches) above the floor of the access space.</p> <p>This is shown in Figure 7 (a).</p>	Supports	The IFP series is a flat-panel interactive whiteboard display with multiple panel size. Users can mount on a wall at any height/width to meet the requirement.
<p><b>8.3.3.3.2 Obstructed (<math>\leq 610</math> mm) side reach</b></p> <p>Where stationary ICT has an obstruction which is an integral part of the ICT, the height of the obstruction shall be less than 865 mm (34 inches). Where the depth of the obstruction is greater than 255 mm (10 inches) with a maximum depth of 610 mm (24 inches), the high side reach to at least one of each type of operable part shall be no higher than 1 170 mm (46 inches) above the floor of the access space.</p> <p>This is shown in Figure 7 (b).</p>	Supports	The IFP series is a flat-panel interactive whiteboard display with multiple panel size. Users can mount on a wall at any height/width to meet the requirement.
<p><b>8.3.4.1 Change in level</b></p> <p>Where stationary ICT has a floor within it, then any change of floor level within it or entering it shall be ramped with a slope no steeper</p>	Not applicable	Not applicable

Criteria	Conformance Level	Remarks and Explanations
<p>than 1:48. Exceptions: a) If the change in floor level is less than or equal to 6,4 mm (¼ inch) the change may be vertical as shown in Figure 8. b) If the change in floor level is less than or equal to 13 mm (½ inch) the change may have a slope not steeper than 1:2 as shown in Figure 9.</p>		
<p><b>8.3.4.2 Clear floor or ground space</b> Where stationary ICT has an operating area within it, it shall provide a clear floor area that has the minimum dimensions of 760 mm (30 inches) by 1 220 mm (48 inches) from which to operate the ICT. This is shown in Figure 10.</p>	Not applicable	Not applicable
<p><b>8.3.4.3.2 Forward approach</b> Where the operating area is inside an alcove within the stationary ICT, the alcove is deeper than 610 mm (24 inches), and where a forward approach is necessary, the dimension of the access space shall be a minimum of 915 mm (36 inches) wide. This is shown in Figure 11.</p>	Not applicable	Not applicable
<p><b>8.3.4.3.3 Parallel approach</b> Where the operating area is inside an alcove within the stationary ICT, the alcove is deeper than 380 mm (15 inches), and where a parallel approach is possible, the dimension of the access space shall be a minimum of 1 525 mm (60 inches) wide. This is shown in Figure 12.</p>	Not applicable	Not applicable
<p><b>8.3.5 Visibility</b> Where stationary ICT provides one or more display screens, at least one of each type of display screen shall be positioned such that the information on the screen is legible from a point located</p>	Supports	The IFP series is a flat-panel interactive whiteboard display with multiple panel size. Users can mount

Criteria	Conformance Level	Remarks and Explanations
1015 mm (40 inches) above the centre of the floor of the operating area).		on a wall at any height/width to meet the requirement.
<p><b>8.3.6 Installation instructions</b></p> <p>Installation instructions shall be made available for all stationary ICT. These instructions shall give guidance on how to install the ICT in a manner that takes into account applicable requirements for accessibility of the built environment as they apply to the installation of the ICT. Where there are no such requirements the instructions should require that the dimensions of the installed ICT conform to clauses 8.3.2 to 8.3.5 of the present document.</p>	Supports	<p>ViewSonic provides product related documents on product websites and an official Support &amp; service web page, provides advisors with information on accessibility and compatibility features.</p> <p>User can visit ViewSonic official website for Service support at: <a href="https://www.viewsonic.com/global/support/">https://www.viewsonic.com/global/support/</a></p>
<b>8.4 Mechanically Operable parts</b>	Heading cell – no response required	Heading cell – no response required
<p><b>8.4.1 Numeric keys</b></p> <p>Where provided, physical numeric keys arranged in a rectangular keypad layout shall have the number five key tactilely distinct from the other keys of the keypad.</p>	Not applicable	Not applicable
<p><b>8.4.2.1 Means of operation of mechanical parts</b></p> <p>Where a control requires grasping, pinching, or twisting of the wrist to operate it, an accessible alternative means of operation that does not require these actions shall be provided.</p>	Supports	Users can easily operate IFP51 series with one hand. And Android 14.0 provides several built-in alternatives, such as Accessibility Menu, Voice Access, TalkBack, Switch Access.
<b>8.4.2.2 Force of operation of mechanical parts</b>	Supports	Users can easily operate IFP51 series with one hand. The force

Criteria	Conformance Level	Remarks and Explanations
Where a control requires a force greater than 22,2 N to operate it, an accessible alternative means of operation that requires a force less than 22,2 N shall be provided.		required to activate operable parts is less than 5 pounds (22.2 N).
<b>8.4.3 Keys, tickets and fare cards</b> Where ICT provides keys, tickets or fare cards, and their orientation is important for further use, they shall have an orientation that is tactilely discernible.	Not applicable	Not applicable
<b>8.5 Tactile indication of speech mode</b> Where ICT is designed for shared use and speech output is available, a tactile indication of the means to initiate the speech mode of operation shall be provided.	Supports	Android 14 lets users start its speech mode (TalkBack) by a shortcut that is enabled by default on first-time setup and can be used at any time.

## Clause [11: Software](#)

Refer to myViewBoard VPAT

Refer to Manager VPAT

Refer to AirSync VPAT

## Clause 12: Documentation and Support Services

Criteria	Conformance Level	Remarks and Explanations
<b>12.1 Product documentation</b>	Heading cell – no response required	Heading cell – no response required
<p><b>12.1.1 Accessibility and compatibility features</b></p> <p>Product documentation provided with the ICT whether provided separately or integrated within the ICT shall list and explain how to use the accessibility and compatibility features of the ICT.</p>	Supports	<p>ViewSonic provides product related documents on product websites and an official Support &amp; service web page, provides advisors with information on accessibility and compatibility features.</p> <p>User can visit ViewSonic official website for Service support at: <a href="https://www.viewsonic.com/global/support/">https://www.viewsonic.com/global/support/</a></p>
<p><b>12.1.2 Accessible documentation</b></p> <p>Product documentation provided with the ICT shall be made available in at least one of the following electronic formats:</p> <ul style="list-style-type: none"> <li>a) a Web format that conforms to the requirements of clause 9; or</li> <li>b) a non-web format that conforms to the requirements of clause 10.</li> </ul>	See <a href="#">WCAG 2.1</a> section	See information in WCAG 2.1 section
<b>12.2 Support Services</b>	Heading cell – no response required	Heading cell – no response required
<p><b>12.2.2 Information on accessibility and compatibility features</b></p> <p>ICT support services shall provide information on the accessibility and compatibility features that are mentioned in the product documentation.</p>	Supports	<p>ViewSonic provides product related documents on product websites and an official Support &amp; service web page, provides advisors with information on accessibility and compatibility features.</p> <p>User can visit ViewSonic official website for Service support at:</p>

		<a href="https://www.viewsonic.com/global/support/">https://www.viewsonic.com/global/support/</a>
<p><b>12.2.3 Effective communication</b></p> <p>ICT support services shall accommodate the communication needs of individuals with disabilities either directly or through a referral point.</p>	Supports	<p>ViewSonic provides product related documents on product websites and an official Support &amp; service web page, provides advisors with information on accessibility and compatibility features.</p> <p>User can visit ViewSonic official website for Service support at: <a href="https://www.viewsonic.com/global/support/">https://www.viewsonic.com/global/support/</a></p>
<p><b>12.2.4 Accessible documentation</b></p> <p>Documentation provided by support services shall be made available in at least one of the following electronic formats:</p> <ul style="list-style-type: none"> <li>a) a Web format that conforms to clause 9; or</li> <li>b) a non-web format that conforms to clause 10.</li> </ul>	See <a href="#">WCAG 2.1</a> section	See information in WCAG 2.1 section

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