

Product Accessibility Assessment

Name of Product: Canon DR-C230

Date: 18 April 2018

Note: This document was prepared based on normal walk-up functionality. It does not include maintenance and troubleshooting procedures. **The information contained in this document is proprietary information and is not for reproduction, publication or manipulation in any way or form.** This template addresses a multitude of DR-C230 features; however, any specific inquiries should be made to the Canon Government Marketing Representative.

The rules below refer to the Electronic and Information Technology Accessibility Standards (covered by Section 508 of the Rehabilitation Acts of 1998) issued by the Architectural and Transportation Compliance Board. Comments in the “Supporting Features” column are based on the Information Technology Industry Council’s suggested language for use when filling out the Voluntary Product Accessibility Template. The Remarks and Explanations column provides additional information on the evaluation results, and explains the standard functions of the DR-C230 that can accommodate users with disabilities.

Summary Table Voluntary Product Accessibility Template		
<i>Criteria</i>	Supporting Features	Remarks and explanations
Section 1194.21 Software Applications and Operating Systems	Supports with minor exception*	
Section 1194.22 Web-based internet information and applications	Not applicable	
Section 1194.23 Telecommunications Products	Not applicable	
Section 1194.24 Video and Multi-media Products	Not applicable	
Section 1194.25 Self-Contained, Closed Products	Supports with minor exception*	
Section 1194.26 Desktop and Portable Computers	Not applicable	
Section 1194.31 Functional Performance Criteria	Supports with minor exception*	
Section 1194.41 Information, documentation and Support	Supports *	

*Please refer to the following pages for detailed information on supporting features and exceptions.

**Section 1194.21 Software Applications and Operating Systems - Detail
Voluntary Product Accessibility Template**

Criteria	Supporting Features	Remarks and explanations
(a) When software is designed to run on a system that has a keyboard, product functions shall be executable from a keyboard where the function itself or the result of performing a function can be discerned textually.	Support with exception	Focus is not correctly positioned on a specific function in a specific mode.
(b) Applications shall not disrupt or disable activated features of other products that are identified as accessibility features, where those features are developed and documented according to industry standards. Applications also shall not disrupt or disable activated features of any operating system that are identified as accessibility features where the application programming interface for those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer.	Support	
(c) A well-defined on-screen indication of the current focus shall be provided that moves among interactive interface elements as the input focus changes. The focus shall be programmatically exposed so that Assistive Technology can track focus and focus changes.	Support with exception	Focus is not correctly positioned on a specific function in a specific mode.
(d) Sufficient information about a user interface element including the identity, operation and state of the element shall be available to Assistive Technology. When an image represents a program element, the information conveyed by the image must also be available in text.	Support with exception	Brightness and Contrast control in the driver setting are conveyed by the image only. Some functions does not be read by screen reader software.
(e) When bitmap images are used to identify controls, status indicators, or other programmatic elements, the meaning assigned to those images shall be consistent throughout an application's performance.	Support	

(f) Textual information shall be provided through operating system functions for displaying text. The minimum information that shall be made available is text content, text input caret location, and text attributes.	Support	
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Support	
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Not applicable	
(i) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Support	
(j) When a product permits a user to adjust color and contrast settings, a variety of color selections capable of producing a range of contrast levels shall be provided.	Not applicable	
(k) Software shall not use flashing or blinking text, objects, or other elements having a flash or blink frequency greater than 2 Hz and lower than 55 Hz.	Not applicable	
(l) When electronic forms are used, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.	Support with exception	This result is due to the effect of 1194.21(a),(d).

**Section 1194.25 Self-Contained, Closed Products - Detail
Voluntary Product Accessibility Template**

Criteria	Supporting Features	Remarks and explanations
(a) Self contained products shall be usable by people with disabilities without requiring an end-user to attach Assistive Technology to the product. Personal headsets for private listening are not Assistive Technology.	Supports with exception	This result is due to the effect of 1194.25(c).
(b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not applicable	
(c) Where a product utilizes touchscreens or contact-sensitive controls, an input method shall be provided that complies with Section 1194.23 (k) (1) through (4).	Supports with exception	See below (k)(1)-(k)(4) for more details.
(k)(1) Products which have mechanically operated controls or keys shall comply with the following: Controls and Keys shall be tactilely discernible without activating the controls or keys.	Supports	All hand keys are tactilely discernible.
(k)(2) Products which have mechanically operated controls or keys shall comply with the following: Controls and Keys shall be operable with one hand and shall not require tight grasping, pinching, twisting of the wrist. The force required to activate controls and keys shall be 5 lbs. (22.2N) maximum.	Supports with exception	The exchange rollers and the document feed tray cannot be removing one finger. Action to open the lever shall require higher than 5 lbs. (22.2N) maximum.
(k)(3) Products which have mechanically operated controls or keys shall comply with the following: If key repeat is supported, the delay before repeat shall be adjustable to at least 2 seconds. Key repeat rate shall be adjustable to 2 seconds per character.	Supports with exception	The job button cannot set start time and speed of the key repeat than 2 seconds.
(k)(4) Products which have mechanically operated controls or keys shall comply with the following: The status of all locking or toggle controls or keys shall be visually discernible, and discernible either through touch or sound.	Supports	

(d) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided.	Not applicable	
(e) When products provide auditory output, the audio signal shall be provided at a standard signal level through an industry standard connector that will allow for private listening. The product must provide the ability to interrupt, pause, and restart the audio at anytime.	Not applicable	There is no function to deliver voice output.
(f) When products deliver voice output in a public area, incremental volume control shall be provided with output amplification up to a level of at least 65 dB. Where the ambient noise level of the environment is above 45 dB, a volume gain of at least 20 dB above the ambient level shall be user selectable. A function shall be provided to automatically reset the volume to the default level after every use.	Not applicable	There is no function to deliver voice output.
(g) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Supports	
(h) When a product permits a user to adjust color and contrast settings, a range of color selections capable of producing a variety of contrast levels shall be provided.	Not applicable	The product does not permit the user to adjust color and contrast setting.
(i) Products shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Not applicable	The product does not flicker.
(j) (1) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: The position of any operable control shall be determined with respect to a vertical plane, which is 48 inches in length, centered on the operable control, and at the maximum protrusion of the product within the 48 inch length on products which are freestanding, non-portable, and intended to be used in one location and which have operable controls.	Not applicable	Because the product is a desktop model, the position of the machine can be adjusted to accommodate uses with varying degrees of mobility.

(j)(2) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Where any operable control is 10 inches or less behind the reference plane, the height shall be 54 inches maximum and 15 inches minimum above the floor.	Not applicable	Because the product is a desktop model, the position of the machine can be adjusted to accommodate uses with varying degrees of mobility.
(j)(3) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Where any operable control is more than 10 inches and not more than 24 inches behind the reference plane, the height shall be 46 inches maximum and 15 inches minimum above the floor.	Not applicable	Because the product is a desktop model, the position of the machine can be adjusted to accommodate uses with varying degrees of mobility.
(j)(4) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Operable controls shall not be more than 24 inches behind the reference plane.	Not applicable	Because the product is a desktop model, the position of the machine can be adjusted to accommodate uses with varying degrees of mobility.

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All product design and specifications are subject to change. Some of the information may be based upon data collected or tests conducted on similar product modules.

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**Section 1194.31 Functional Performance Criteria - Detail
Voluntary Product Accessibility Template**

Criteria	Supporting Features	Remarks and explanations
(a) At least one mode of operation and information retrieval that does not require user vision shall be provided, or support for Assistive Technology used by people who are blind or visually impaired shall be provided.	Supports with exception	This result is due to the effect of 1194.21(a),(c),(d) and 1194.25(a),(c).
(b) At least one mode of operation and information retrieval that does not require visual acuity greater than 20/70 shall be provided in audio and enlarged print output working together or independently, or support for Assistive Technology used by people who are visually impaired shall be provided.	Supports with exception	This result is due to the effect of 1194.21(a),(c),(d) and 1194.25(a),(c).
(c) At least one mode of operation and information retrieval that does not require user hearing shall be provided, or support for Assistive Technology used by people who are deaf or hard of hearing shall be provided.	Supports	
(d) Where audio information is important for the use of a product, at least one mode of operation and information retrieval shall be provided in an enhanced auditory fashion, or support for assistive hearing devices shall be provided.	Not applicable	There is no audio information.
(e) At least one mode of operation and information retrieval that does not require user speech shall be provided, or support for Assistive Technology used by people with disabilities shall be provided.	Not applicable	There is no voice operated function.
(f) At least one mode of operation and information retrieval that does not require fine motor control or simultaneous actions and that is operable with limited reach and strength shall be provided.	Supports with exception	This result is due to the effect of 1194.25(f).

Section 1194.41 Information, Documentation and Support		
<i>Criteria</i>	Supporting Features	Remarks and explanations
Product support documentation is available in alternate formats upon request.	Supports	
Users have access to a description of accessibility features.	Supports	
Support services (such as Help Desks) accommodate users with disabilities.	Supports	

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