

Date: August 31, 2009

Name of Product: Series IP Terminals (ITR-8D, ITR-8LD, ITR-16D, ITR-32D, ITR-240G, ITR-32G, ITR-320C)

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Summary Table – Voluntary Product Accessibility

Criteria	Supporting Features	Remarks and Explanations
<p>1194.23(a) Telecommunications products or systems which provide a function allowing voice communication and which do not themselves provide a TTY functionality shall provide a standard non-acoustic connection point for TTYs. Microphones shall be capable of being turned on and off to allow the user to intermix speech with TTY use.</p>	No	Series IP Terminals do not have TTY.
<p>1194.23(b) Telecommunications products which include voice communication functionality shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols.</p>	No	Series IP Terminals do not have TTY.
<p>1194.23(c) Voice mail, auto-attendant and interactive voice response telecommunications systems shall be usable by TTY users with their TTYs.</p>	No	Series IP Terminals do not have TTY.
<p>1194.23(d) Voice mail, messaging, auto-attendant, and interactive voice response telecommunications systems that require a response from a user within a time interval, shall give an alert when the time interval is about to run out and shall provide sufficient time for the user to indicate more time is required.</p>	N/A	This item is not the terminal's function.

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<p>1194.23(e) Where provided, caller identification and similar telecommunications functions shall also be available for users of TTYs, and for users who cannot see displays.</p>	No	Series IP Terminals do not have TTY.
<p>1194.23(f) For transmitted voice signals, telecommunications products shall provide a gain adjustable up to a minimum of 20 dB. For incremental volume control, at least one intermediate step of 12 dB of gain shall be provided.</p>	Yes	Series IP Terminals provide a gain adjustable up to 22 dB as handset volume control. And also these provide 12 dB set as intermediate step.
<p>1194.23(g) If a telecommunications product allows a user to adjust the receive volume, a function shall be provided to automatically reset the volume to the default level after every use.</p>	Yes	When a user adjust the receive volume level to over 14 dB, Series IP Terminals provide automatically reset to 14 dB after every use.
<p>1194.23(h) Where a telecommunications product delivers output by an audio transducer which is normally held up to the ear, a means for effective magnetic wireless coupling to hearing technologies shall be provided.</p>	Yes	
<p>1194.23(i) Interference to hearing technologies (including hearing aids, cochlear implants, and assistive listening devices) shall be reduced to the lowest possible level that allows a user of hearing technologies to utilize the telecommunications product.</p>	Yes	

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<p>1194.23(j) Products that transmit or conduct information or communication, shall pass through cross-manufacturer, non-proprietary, industry- standard codes, translation protocols, formats or other information necessary to provide the information or communication in a usable format. Technologies which use encoding, signal compression, format transformation, or similar techniques shall not remove information needed for access or shall restore it upon delivery.</p>	<p>Yes</p>	
<p>1194.23(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.</p>	<p>Yes</p>	<p>The dial pad on the NEC DT Telephone follows the North American standard layout. The E 5 key on the dial pad has a tactile bump allowing easy identification of that key and also serves as a navigational waypoint for the entire keypad for users who are visually impaired. Other special function keys are also easily discernible based upon existing waypoints on the terminal or upon specially shaped keys.</p>
<p>1194.23(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.</p>	<p>Yes</p>	
<p>1194.23(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.</p>	<p>N/A</p>	<p>Series IP Terminals do not provide adjustment of repeat rate.</p>

Criteria	Supporting Features	Remarks and Explanations
<p>1194.23(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.</p>	Yes	All NEC DT Telephone comply with this section to the extent that the status of keys that lock or toggle are visually discernible. On the NEC DT Telephone utilize either an L ED or an LCD displayed icon to show the status of a function.
<p>1194.31(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.</p>	Yes	Refer to the sections that address paragraphs 1194.23(k)(1) for features that allow the NEC DT Telephone to be used by people who are blind or visually impaired. The voice confirmation tone function helps it.
<p>1194.31(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.</p>	Yes	All NEC DT Telephone comply with this section. Under normal conditions and use, visual acuity greater than 20/70 is not required. The double height function helps it.
<p>1194.31(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.</p>	Yes	Refer to the following sections for more information: 1194.23(k)(1) for features used by people who are blind or visually impaired. 1194.23(f) and 1194.23(g) for enhanced audio features, 1194.23(h) and 1194.23(i) for assistive hearing devices. The NEC DT Telephone have both a visual indication of incoming calls (support for 1194.23(e)) and allow the volume of the ringer to be changed.

Criteria	Supporting Features	Remarks and Explanations
<p>1194.31(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.</p>	<p>Yes</p>	<p>Refer to the following sections for more information, 1194.23(f) and 1194.23(g) for enhanced audio features, 1194.23(h) and 1194.23(i) for assistive hearing devices. The NEC DT Telephone have both a visual indication of incoming calls (support for 1194.23(e)) and allow the volume of the ringer to be changed.</p>
<p>1194.31(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.</p>	<p>Yes</p>	
<p>1194.31(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.</p>	<p>Yes</p>	<p>All actions required to normally operate an NEC DT Telephone (e.g., lifting the handset, pressing a digit on the key pad etc.) fall within the limits show in paragraph 1194.23(k)(2). All standard features are able to be utilized without any simultaneous actions required.</p>

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