



Avaya IP Deskphone H.323 Release 6.8.5.1 Readme

This file is the Readme for the Avaya Deskphone H.323 Release 6.8.5.1 software. This file describes the contents of the May 2021 (**6.8.5.11**) software distribution package.

Avaya Deskphone H.323 6.8.5.1 software is supported on the Avaya 9608, 9608G, 9611G, 9621G, 9641G, 9641GS IP Deskphones, on the J159, J169, J179, J189 IP Phones only, and when used with Avaya Aura[®] Communication Manager and Avaya IP Office[™]. The Avaya Deskphone H.323 6.8.5.1 software will not load or operate on any other models.

This release supersedes all previous Avaya Deskphone H.323 6.x.x software releases. Avaya recommends that all customers using Avaya Deskphone H.323 6.x.x software upgrade to this version at their earliest convenience.

The information in this document is accurate as of the issue date and subject to change.



Please refer to the advisements in this file for important information prior to deploying this software.

Avaya Aura® Communication Manager Compatibility

The Avaya IP Deskphones/IP Phones using Avaya Deskphone H.323 Release 6.8.5.1 software are supported on:

- Avaya Aura® Platform 7.1.3 (Avaya Aura® Communication Manager 7.1.3, Avaya Aura® System Manager 7.1.3) and associated service packs
- Avaya Aura® Platform 8.1.0 (Avaya Aura® Communication Manager 8.1.0, Avaya Aura® System Manager 8.1.0) and associated feature/service packs
- Avaya Aura® Call Center Elite 7.1.0
- Avaya Aura® Call Center Elite 8.1.0

Avaya IP Office™ Compatibility

The Avaya IP Deskphones/IP Phones using Avaya Deskphone H.323 Release 6.8.5.1 software are supported on:

- IP Office™ 11.0 and associated service packs
- IP Office™ 11.1 and associated service packs

Note: J159/J89 using H.323 software is not supported by IP Office
Refer to IP Office documentation for specific compatibility.

New features in H.323 6.8.5.1

None

Documentation for H.323 6.8.5.1

The following documentation has been updated for this release.

- [Avaya 9600 Series and J100 Series H.323 IP Deskphones Overview and Specification](#)
- [Installing and Administering Avaya 9600 and J100 Series IP Deskphone H.323](#)
- [Using Avaya J189 IP Phone H.323](#)
- [Avaya J189 IP Phone H.323 Quick Reference](#)
- [Using Avaya J159 IP Phone H.323](#)
- [Avaya J159 IP Phone H.323 Quick Reference](#)
- [Using Avaya J169/J179 IP Phone H.323](#)
- [Avaya J169/J179 IP Phone H.323 Quick Reference](#)
- [Using Avaya J100 Expansion Module H.323](#)
- [VPN Setup Guide for 9600 Series IP Deskphones](#)
- [Using Avaya 9600 Series and J100 Series H.323 phones in a Call Center](#)

The following documentation has not been updated and is included below for reference.

- [Avaya 9608/9608G/9611G/9621G/9641G IP Deskphones H.323 Call Center Quick Reference](#)
- [Guide to Icons – Avaya 9608/9608G/9611G/9621G/9641G IP Deskphones](#)
- [Application Note: EAP-TLS with 9600 Phones](#)
- [Single Sign on for Local Devices – API Guide](#)
- [Avaya Deskphone H.323/SIP for 9600 Series – API Guide](#)
- [Using Avaya 9608/9608G/9611G IP Deskphones H.323](#)
- [Avaya 9608/9608G/9611G IP Deskphones H.323 Quick Reference](#)
- [Using Avaya 9621G/9641G/9641GS IP Deskphones H.323](#)
- [Avaya 9621G/9641G/9641GS IP Deskphones H.323 Quick Reference](#)

These documents are available on <http://support.avaya.com> under “9600 Series IP Deskphones” -> “H.323 6.8.x” -> Documents

H.323 6.8.5.1 Package Contents

Avaya Deskphone H.323 6.8.5.1 Package Contents

The H.323 6.8.5.1 software package contains all the files necessary to upgrade Avaya new or previously installed 9608/9608G/9611G/9621G/9641G/9641GS IP Deskphones or previously installed J159/J169/J179/J189 IP Phones to the H.323 6.8.5.1 load.

The following files are included in each package:

- S9608_11HALBR6_8_5_11_V474.tar - The 6.8.5.1 H.323 phone application tar file for 9608, 9608G and 9611G models.
- S9621_41HALBR6_8_5_11_V474.tar - The 6.8.5.1 H.323 phone application tar file for the 9621G, 9641G and 9641GS models.
- S9608_11_HALKRR6_8_5_11.bin - The 6.8.5.1 H.323 application binary file for 9608G and 9611G models.
- S96x1_UKR_V29r46_V29r46.tar - The 6.8.5.1 H.323 Kernel and root file system tar file.
- FW_H_J169_J179_R6_8_5_11.bin - The 6.8.5.1 H.323 application binary file for J169 and J179 models
- FW_H_J189_R6_8_5_11.bin - The 6.8.5.1 H.323 application binary file for J189
- FW_H_J159_R6_8_5_11.bin - The 6.8.5.1 H.323 application binary file for J159
- FW_JEM24_R1_0_1_0_15.bin - Application binary file for JEM24.
- Deskphone H.323 6.6.1 files for interim upgrades if required:
 - S9608_11HALBR6_6_1_15_V474.tar - The 6.6.1 H.323 phone application tar file for 9608, 9608G and 9611G models
 - S9621_41HALBR6_6_1_15_V474.tar - The 6.6.1 H.323 phone application tar file for the 9621G, 9641G and 9641GS models
 - S96x1_UKR_V25r10_V25r10.tar - The 6.6.1 H.323 Kernel and root file system tar file
- 96x1Hupgrade.txt - This file is downloaded by the 9608/9608G/9611G/9621G/9641G/9641GS IP Deskphones and J159/J169/J179/J189 IP Phones and instructs the phones on how to upgrade.
- 20 predefined language files for phone display:
 - mlf_96x1_v224_arabic.txt
 - mlf_96x1_v224_chinese.txt
 - mlf_96x1_v224_dutch.txt
 - mlf_96x1_v224_english_large.txt
 - mlf_96x1_v224_french_can.txt
 - mlf_96x1_v224_french_paris.txt
 - mlf_96x1_v224_german.txt
 - mlf_96x1_v224_hebrew.txt
 - mlf_96x1_v224_italian.txt
 - mlf_96x1_v224_japanese.txt
 - mlf_96x1_v224_korean.txt
 - mlf_96x1_v224_polish.txt
 - mlf_96x1_v224_portuguese.txt
 - mlf_96x1_v224_russian.txt
 - mlf_96x1_v224_spanish.txt
 - mlf_96x1_v224_spanish_latin.txt
 - mlf_96x1_v224_template_en.txt
 - mlf_96x1_v224_thai.txt

- mlf_96x1_v224_trad_chinesei.txt
- mlf_96x1_v224_turkish.txt
- av_prca_pem_2033.txt (Avaya Product Root CA certificate)
- Avaya-96x1IPTelephone-MIB.txt for reference
- AvayaMenuAdmin.txt template for reference
- release.xml

The signatures in the signatures subdirectory of the .zip distribution packages are only intended to be used by the file server, and the file server that is on the CM6.x/7.x Utility Server is the only file server that currently supports this. System specific parameters should be entered into the 46xxsettings.txt file which is available for separate download at <http://support.avaya.com>. **New or changed configuration parameters with this release of software are shown in Appendix 3.**

The H.323 6.8.5.1 package is available in the following versions:

- Versions with encryption enabled
 - 96x1-IPT-H323-R6_8_5_11-050321.zip
- Versions with encryption disabled
 - 96x1-IPT-H323-R6_8_5_12U-051321.zip

Note: .tar files are no longer generated for Deskphone H.323 software mentioned above, only .zip files are published.

Note: Deskphone H.323 6.6.1 binary files are included with this package as those are required for interim upgrades from a release prior to Deskphone H.323 6.6.1 to Deskphone H.323 6.6.2 or later to enable SHA2 image signature validation. Refer to the "Support for SHA2-signed software files" section for further information.

Converting a J159/J169/J179/J189 IP Phone from SIP to H323

The Avaya J159/J169/J179/J189 IP Phones are pre-loaded with J100 SIP software. Utilize the procedure below to convert them to Deskphone H.323 software.

1. **The J169/J179 must be using J100 2.0.0 or later software. If not using 2.0.0 software, then it must first be upgraded to J100 2.0.0 or later software.**

The version of software can be determined via the "View" menu item. The following models are delivered from Avaya with this required software so do not need to be checked:

- a. J169D01A hardware revision 06
- b. J179D02A hardware revision 05

The J159 with software 4.0.3 and J189 with 4.0.6.1 and later support upgrade to H.323 software

2. Unzip the Deskphone H.323 6.8.5.1 installation package in the correct directory on your HTTP server. Also unzip the J100 SIP 2.0.0 (or later) installation package in the correct directory on your HTTP server.
3. There are three methods which can be chosen from:
 - a. Manual (use if you will have a mixture of SIP and H.323 J159/J169/J179/J189):
 - i. Install the Avaya J159/J169/J179/J189 on your network with access to the http server and apply power to the phone.
 - ii. During the bootup sequence, access the Administration menu by pressing the "Admin" softkey and entering the administration password (default is 27238)
 - iii. Scroll to "Signaling" in the Administration menu, press "Select" softkey, press the "Change" softkey until "H.323" is highlighted, and press "Save". Press "Back" to exit from the Administration menu and the IP Phone will automatically reboot to apply the changed settings.
 - iv. After rebooting, the J159/J169/J179/J189 will download and install the Deskphone H323 software.
 - b. DHCP (only use if all J159/J169/J179/J189 will be deployed with Deskphone H.323 software):
 - i. If using DHCP to provide custom options to the IP Phones, add SIG=1 to the string.
 - ii. Install the J159/J169/J179/J189 on your network with access to the http server and DHCP server and apply power to the phone.
 - iii. After retrieving the SIG setting via DHCP, the J159/J169/J179/J189 will download and install the Deskphone H.323 software
 - c. 46xxsettings.txt (only use if all J159/J169/J179/J189 will be deployed with Deskphone H.323 software)
 - i. Add "SET SIG 1" in your 46xxsettings.txt file on your http server
 - ii. Install the J159/J169/J179/J189 on your network with access to the http server and apply power to the phone.

- iii. After retrieving the SIG setting via the 46xxsettings.txt file, the J159/J169/J179/J189 will download and install the Deskphone H.323 software
4. After the conversion, confirm that the upgrade was successful by either:
 - a. Press the "Mute" button, enter the defined administrator password, followed by "#". Scroll to the "View" menu item, scroll down to "Release", and confirm that it shows "6.8511"
 - b. Press the "Menu" button, scroll down to "About Avaya IP Deskphone", press "Select" softkey, and confirm that it shows "Release 6.8511".

Advisements with H.323 6.8 software

Weather Application no longer works

The provider of the service for the Weather Application deprecated that service on 15 January 2020. As such, the Weather Application no longer works as of that date. Avaya removed the ability to configure this capability in 6.8.4.02 release of Deskphone H.323 software.

J159/J169/J179/J189 – features supported and aliasing

When deployed with Deskphone H.323 software, the J159/J169/J179/J189 IP Phone appears to Avaya Communication Manager as an H.323 9611G IP Deskphone, J169/J179 IP Phone appears to IP office as an H.323 9611G IP Deskphone. They are administered the same as an H.323 9611G and provides the same capabilities and user interface as an H.323 9611G with the exception of support for USB features (as the J169/J179 do not have a USB port).

J159 with H.323 software doesn't support USB port, WML browser, Call Center environment, JEM24/JBM24 modules.

J189 with H.323 software supports two JEM24 modules. It doesn't support JBM24 modules.

For Avaya Aura, the J159/J169/J179/J189 should be programmed as a 9611.

For IP Office J169/J179 should be programmed as a 9611. IP office doesn't support H.323 J159/J189.

JEM24 Software – J169/J179/J189 Software Compatibility



The Deskphone H.323 6.8.5.1 installation zip file contains JEM24 1.0.1.0.15 software for installations on associated JEM24 modules. The JEM24 will automatically be upgraded from the J169/J179/J189 IP Phone. The JEM24 1.0.1.0.15 software will work with J100 SIP 4.0.1.0 or later and Deskphone H.323 6.8.5 or later. Attempting to use it with earlier versions of J100 SIP / Deskphone H.323 software will result in the JEM24 not being able to connect to the J169/J179/J189.

J169/J179 with 3 JBM24/JEM24 modules – 5-volt power supply required



With H.323 6.7.1 or later software, the power requirements of the JBM24 have been corrected. After this change, a J169/J179 and three JBM24/JEM24 exceeds the Class 2 PoE power limit under maximum load. As such, the 5-volt power supply is required with the J169/J179 when 3 JBM24/JEM24 are installed.

IP Phone Settings Tool

Customers are advised to refrain from using the IP Phone Settings Tool as it is not up to date.

9611G Global – Minimum Software Release

The 9611G IP Deskphone Global (Comcode 700504845/700501429, Model ID 9611GD02B) must use either Deskphone SIP 6.4.0.33 or later software or Deskphone H.323 6.4.0.14 or

later software. **Attempts to downgrade these models to lower versions of software will be rejected.** If these models are implemented in an environment that uses lower versions of software for other IP Deskphones, it is recommended to use a mechanism to differentiate the software loads such as different HTTP servers or different GROUPs.

9611G Global – Minimum Software Release

The 9611G IP Deskphone Global (Comcode 700504845/700501429, Model ID 9611GD02C) must use either Deskphone SIP 7.0.1.0.45 or later software or Deskphone H.323 6.6.2.29 or later software. **Attempts to downgrade these models to lower versions of software will be rejected.** If these models are implemented in an environment that uses lower versions of software for other IP Deskphones, it is recommended to use a mechanism to differentiate the software loads such as different HTTP servers or different GROUPs.

9608G and 9608 Global – Minimum Software Release

The 9608G IP Deskphone (Comcode 700505992/700507946, Model ID 9608GD03A) and 9608 IP Deskphone Global (Comcode 700504844/700507947, Model ID 9608D02B) must use either Deskphone SIP 6.3.1.13 or later software or Deskphone H.323 6.3.1.16 or later software. **Attempts to downgrade these models to lower versions of software will be rejected.** If these models are implemented in an environment that uses lower versions of software for other IP Deskphones, it is recommended to use a mechanism to differentiate the software loads such as different HTTP servers or different GROUPs.

9608G Global – Minimum Software Release

The 9608G IP Deskphone (Comcode 700505424/700507946, Model ID 9608GD03B) must use either Deskphone SIP 7.0.1.0.45 or later software or Deskphone H.323 6.6.2.29 or later software. **Attempts to downgrade these models to lower versions of software will be rejected.** If these models are implemented in an environment that uses lower versions of software for other IP Deskphones, it is recommended to use a mechanism to differentiate the software loads such as different HTTP servers or different GROUPs.

9641GS – Minimum Software Release

The 9641GS IP Deskphone (Comcode 700505992/700509409/700509981, Model ID 9641GD03A) must use either Deskphone SIP 6.7.0.0 or later software or Deskphone H.323 6.6.6.04 or later software. **Attempts to downgrade these models to lower versions of software will be rejected.** If these models are implemented in an environment that uses lower versions of software for other IP Deskphones, it is recommended to use a mechanism to differentiate the software loads such as different HTTP servers or different GROUPs.

J159/J169/J179/J189 – Minimum Software Release

Refer to Appendix 1 for information on the hardware revisions of J169/J179 IP Phone and minimum Deskphone H.323 / J100 SIP software releases. **Attempts to downgrade these models to versions of software which is not supported will be rejected**

Interworking – TLS 1.2

Deskphone H.323 6.6.2 and later software upgrades TLS to support TLS 1.2.



Deskphone H.323 6.6.2 also adds a new configuration parameter (TLS_VERSION) which can be used to configure the Deskphone to only use TLS 1.2. Care must be taken to only use this parameter when all components to which the deskphone will communicate can also support TLS 1.2.

Interworking – HTTPS - MVIPTTEL, IIS 6

Deskphone H.323 6.6.2 and later software does not support secure HTTP (HTTPS) with MVIPTTEL or IIS 6. MVIPTTEL is end-of-support by Avaya and IIS 6 is end-of-support by Microsoft. Customers using either of these servers are recommended to upgrade to a current version of an HTTPS server which supports TLS 1.2.

Support for SHA2-signed software files

As part of the security enhancements in Deskphone H.323 6.6.2 or later software, the software files are signed using SHA-256 digital signatures. Deskphone H.323 6.6.1 software files are signed using SHA-1 digital signatures only and capable of SHA-1 and SHA-256 digital signature verification. Deskphone H.323 6.6.0 and earlier software files are signed using SHA-1 digital signatures only and capable of SHA-1 digital signature verification. Customers upgrading from Deskphone H.323 6.6.0 or earlier will automatically upgrade to Deskphone H.323 6.6.1 and from there to Deskphone H.323 6.6.2 or later. This interim upgrade is automatic but will result in an additional reset during this particular upgrade.

Interworking – Avaya Diagnostic Server (ADS)

Avaya Diagnostic Server 3.2 or later is required to support J100 Series IP Phones H.323 Release 6.8.5 or later software (include J159/J189 with QD screen). For other supported hardware Avaya Diagnostic Server 2.5.3 is required to support Deskphone H.323 Release 6.6.2 or later software.

H.323 6.8.5.1 Resolved Issues (since H.323 6.8.5.0)

The following table includes issues which are resolved with this release of software compared to H.323 6.8.5.02

External ID	Internal ID	Issue Description
1-14590861264	H32396X1-15506	phones open many TCP sockets on port 1300 causing CLANs to get over occupied
1-15975374279	H32396X1-15891	J169 Do not play properly European priority ringtone
1-16908042698	H32396X1-16194	J169 doesn't migrate to new voice VLAN received from LLDP
	H32396X1-16270	J189: Back button at wrong position
	H32396X1-16273	J189: Enter button wrong position in VPN mode
	H32396X1-16274	J189: "Button module update" message is not translated to German on JEM24
1-16948039922	H32396X1-16276	J1xx Do not ring, only LED flashes
	H32396X1-16302	J159/J189: Bridged call appearance and team button lights different
1-17059629309	H32396X1-16305	96x1 Some Turkish characters not aligned on SBM24
1-17170380999	H32396X1-16322	96x1H323 Call ID UI issue when CADISPMODE is 1
1-17191877974	H32396X1-16335	9608 DSPG Date or time not showing in HISTORY
1-17255009186 1-17216881180	H32396X1-16336	Unable to convert J159 un-encrypted SIP into H.323
	H32396X1-16280	J159 - Conf Hard button doesn't work after made the conference with 3 parties. Soft key can be used in this case.
	H32396X1-16279	J159 - Roll bar in call log works wrong when call log is full (100 call logs)
	H32396X1-16277	J159 - Incorrect Year in About Avaya menu
	H32396X1-16262	Due to limited space use of large fonts can cause small disruptions in user interface. It doesn't affect text understanding.
	H32396X1-16245	J189 Phone with non-encrypted firmware (6.8.5.02U) losses My Pictures option in Menu after it detects USB drive
	H32396X1-16242	J189 Long label displays part of letter on QDD screen
	H32396X1-16235	J189 Navigation icon displays wrong position in others language except English when changing agent greetings type

Unresolved issues in H.323 6.8.5.1

The following table includes unresolved issues with this release of software which were known as of the issue date for this document.

External ID	Internal ID	Issue Description
	H32396X1-15721	J159 – PUSH message is not fully displayed using large font
	H32396X1-15736	J159 – Phone still displays icon after logging out or in unnamed registration state.
	H32396X1-15754	Empty screen in View in Craft menu when UP button is pressed on this view. Enter to it once again in order to see information
	H32396X1-16260	J159 – Hold and Line 1 L buttons status are incorrect in SLAMON with half width screen
	H32396X1-16261	J159 - Line 1 R Red button status should be active instead of Line 2 L Green in SLAMON with full width screen
	H32396X1-15961	Phone doesn't wake up when it is taken over Ext
	H32396X1-15378	9611/9621 Phone displays all languages set from setting file in Language menu when large text size is set.
	H32396X1-15066	9641GS – Phone does not display Bluetooth status on status line except the first time after rebooting when setting CALLCTRSTAT parameter with value 1
	H32396X1-15032	JMSEC always returns 10 (default) when querying by MIB browser
	H32396X1-15003	J169/179- CBM24 displays icons of Call appearance and Bridge call when phone is in unregistration state.
	H32396X1-14967	9641GS - Phone cannot switch transducer from Speaker to Plantronics Bluetooth headset by call button on headset after press speaker button on phone.
	H32396X1-14959	9611-UI – Background color of Emergency button is changed from red to white after login guest user
	H32396X1-14947	J179 phone displays power management screen after plugging in PoE even though DC 5v jack is plugged in with 3 JBMs
	H32396X1-14938	Phone cannot make call using bridge call appearance in edit dialing mode
	H32396X1-14922	Push topline cannot overwrite restoration message
	H32396X1-14915	Phone cannot change L2QVLAN to 0 through 46xxsettings file
	H32396X1-14914	Last Character of the message for Audio Transmit Push is not displayed
	H32396X1-14893	Phone does not display “Bksp/Clear/Enter/Cancel” SK on Guest Login screen

	H32396X1-14883	Phone does not display option Save/Exit when choosing "Merge file and phone contact" after plugging USB
	H32396X1-14811	No button clicks when recording agent greetings
	H32396X1-14796	Call log displays incorrectly with missed call when extension having maximum length for name calls to it in unregistered state
	H32396X1-14795	Phone displays outgoing call in "history" although answering the incoming call to monitored station by team button
	H32396X1-14784	There is no dial tone when GCFIPADDRREPORT sets to 1 in settings file
	H32396X1-14774	[H32396X1- 802.1X] - Phone cannot answer incoming call and take outgoing call after changing AuthControlledPortControl field from auto to forceAuthorized on Avaya Switch with case pressing wrong password
	H32396X1-14762	[UI- CC]- Status line still displays Agent status in about 30s when the main extension is taken over by another phone
	H32396X1-14624	J169/J179 - Phone does not work with HTTPPORT set on 46xxsetting file
	H32396X1-14589	Features on JBM disappears when setting large font for phone and setting Display language on CM to Hebrew
	H32396X1-14588	J169/J179 - Phone does not apply Enhanced Local Dialing Algorithm in one case
	H32396X1-14533	J169/J179 - Phone displays Unavailable call log when History is off after logout/login
	H32396X1-14493	802.1X - Auth fail + DHCP in certain conditions
	H32396X1-14477	J179/J169: LLDP -> Proprietary TLV subtype 6 has wrong value
	H32396X1-14475	J179/J169: LLDP - Management address -> Object identifier has wrong OID value
	H32396X1-14458	Intermittent: Cannot hear recording tone when active call.
	H32396X1-14383	Some buttons do not work in 10s after logging out guest user
	H32396X1-14380	Cannot enter a dot by pressing asterisk in Admin menu.
	H32396X1-14357	Phone cannot manually restore contact list after logging using USB.
	H32396X1-14276	Support symbols softkey board with VPN fields and especially VPN Group ID field
	H32396X1-14244	Intermittent Cannot make call from Contact list if user previously entered any number at Dial Pad

Appendix 1 – Supported Hardware

H.323 6.8.x software is supported on the following models of IP Deskphones. **Note:** Comcodes indicated with an asterisk (*) are either end-of-sale or pending end-of-sale and include a link to the corresponding end-of-sale document.

Comcode	Short Description	Model	Note
700480585*	9608	9608D01A	
700504844*	9608 GLOBAL	9608D02A 9608D02B	Must use SIP 6.3.1.13 or later, or H.323 6.3.1.16 or later.
700501428*	9608 (TAA)	9608D02A	
700507947*	9608 GLOBAL (TAA)	9608D02B	Must use SIP 6.3.1.13 or later, or H.323 6.3.1.16 or later.
700505424*	9608G GLOBAL	9608GD03A 9608GD03B	Must use SIP 6.3.1.13 or later, or H.323 6.3.1.16 or later. Must use SIP 7.0.1.0.46 or later, or H.323 6.6.2.29 or later.
700507946*	9608G GLOBAL (TAA)	9608GD03A 9608GD03B	Must use SIP 6.3.1.13 or later, or H.323 6.3.1.16 or later. Must use SIP 7.0.1.0.46 or later, or H.323 6.6.2.29 or later.
700480593*	9611G	9611GD01A	
700501429*	9611G (TAA)	9611GD01A	
700504845*	9611G GLOBAL	9611GD02A 9611GD02B 9611GD02C	Must use SIP 6.4.0.33 or later, or H.323 6.4.0.14 or later. Must use SIP 7.0.1.0.46 or later, or H.323 6.6.2.29 or later.
700507948*	9611G GLOBAL (TAA)	9611GD02B 9611GD02C	Must use SIP 6.4.0.33 or later, or H.323 6.4.0.14 or later. Must use SIP 7.0.1.0.46 or later, or H.323 6.6.2.29 or later.
700480601*	9621G	9621GD01A 9621GD01C	
700506514*	9621G GLOBAL	9621GD01C	
700500254*	9621G (TAA)	9621GD01A 9621GD01C	
700506516*	9621G GLOBAL (TAA)	9621GD01C	
700480619*	9621G W/O FACEPLATE	9621GD01B 9621GD01D	
700480627*	9641G	9641GD01A 9641GD01C	
700506517*	9641G GLOBAL	9641GD01C	
700501431*	9641G (TAA)	9641GD01A 9641GD01C	
700506519*	9641G GLOBAL (TAA)	9641GD01C	
700480635*	9641G W/O FACEPLATE	9641GD01B 9641GD01D	
700505992	9641GS GLOBAL	9641GD03A	Must use SIP 6.5.0.17 or later, or H.323 6.6.0.25 or later.
700509409	9641GS GLOBAL (TAA)	9641GD03A	
700509981	9641GS GLOBAL W/O FACEPLATE	9641GD03B	
700513634	J169 IP Phone	J169D01A J169D01B	Ships with J100 SIP software.
700513635	J169 IP Phone GSA	J169D01A J169D01B	Ships with J100 SIP software.
700513569	J179 IP Phone	J179D02A J179D03A	Ships with J100 SIP software.

700513629	J179 IP Phone GSA	J179D02A J179D03A	Ships with J100 SIP software.
700512396	J189 IP Phone	J189D01A	Ships with J100 SIP software.
700512394	J159 IP Phone	J159D01A	Ships with J100 SIP software.

The following table provides a matrix of the different models of J100 Series IP Phones including hardware generations and any limitation on supported software version. The "Model" information can be found on the label on the outside of the shipping box, on the label on the back of the IP Phone, within the Information menus available from the screen of the phone, remotely via LLDP, remotely via the Web Interface (SIP software), and remotely via SNMP. The "Hardware Revision" can be found on the label of the box on the same line as the "Model" information, and also found on the label on the back of the phone on the first row.

Model	Hardware Revision(s)	Minimum SIP Software	Minimum H.323 Software
J169D01A	01 to 03	1.5.0.0.15	6.7.0.02
J169D01A	04 to 07	3.0.0.1.6	6.8.0.03
J169D01B	08 to 18	4.0.0.0.21	6.8.0.03
J169D01B	19 and greater	4.0.3.1.4	6.8.3.02
J179D02A	01 to 03	1.5.0.0.15	6.7.0.02
J179D02A	04 to 08	2.0.0.0.45	6.7.0.02
J179D03A	09 to 11	4.0.1.0.11	6.8.2.02
J179D03A	12 to 18	4.0.2.0.8	6.8.2.02
J179D03A	19 and greater	4.0.3.1.4	6.8.3.02
J189D01A	01 and greater	4.0.6.1.4	6.8.5.02
J159D01A	01 and greater	4.0.6.0.10	6.8.5.02

Appendix 2 – Release History

The following table provides a history of the H323 6.2.x/6.3.x/6.4.x/6.6.x/6.7.x/6.8.x software releases. The "ID" column shows the identifier of this software which is seen on the "About Avaya one-X" or "About Avaya IP Deskphone" menu item.

Release	ID	Date	Link to Readme file
6.2.0	6.2009	February 2012	http://support.avaya.com/css/P8/documents/100157541
6.2.1	6.2119	June 2012	http://support.avaya.com/css/P8/documents/100162786
6.2.2	6.2209	July 2012	http://support.avaya.com/css/P8/documents/100165091
6.2.3	6.2312	January 2013	http://support.avaya.com/css/P8/documents/100169016
6.2.4	6.2408	May 2013	http://support.avaya.com/css/P8/documents/100172170
6.3.0	6.3037	August 2013	http://support.avaya.com/css/P8/documents/100174163
6.3.1	6.3116	January 2014	http://support.avaya.com/css/P8/documents/100177992
6.4.0	6.4014	June 2014	http://support.avaya.com/css/P8/documents/100180543
6.6.0	6.6029	May 2015	http://support.avaya.com/css/P8/documents/101009359
6.6.1	6.6115	Nov 2015	http://support.avaya.com/css/P8/documents/101016318
6.6.2	6.6229	May 2016	http://support.avaya.com/css/P8/documents/101023924
6.6.3	6.6302	Aug 2016	http://support.avaya.com/css/P8/documents/101027546
6.6.4	6.6401	Nov 2016	http://support.avaya.com/css/P8/documents/101032019
6.6.5	6.6506	Aug 2017	http://support.avaya.com/css/P8/documents/101040988
6.6.6	6.6604	Jan 2018	http://support.avaya.com/css/P8/documents/101046051
6.7.0	6.6702	May 2018	http://support.avaya.com/css/P8/documents/101049643
6.7.1	6.7104	Nov 2018	http://support.avaya.com/css/P8/documents/101053574
6.8.0	6.8003	Jan 2019	http://support.avaya.com/css/P8/documents/101055348
6.8.1	6.8102	April 2019	http://support.avaya.com/css/P8/documents/101056995
6.8.2	6.8202	June 2019	http://support.avaya.com/css/P8/documents/101058662
6.8.3	6.8304	Nov 2019	http://support.avaya.com/css/P8/documents/101062456
6.8.4	6.8402	July 2020	http://support.avaya.com/css/P8/documents/101070200
6.8.5	6.8502	November 2020	https://downloads.avaya.com/css/P8/documents/101072487
6.8.5.1	6.8511	May 2021	

Appendix 3 – New/Changed 46xxsettings.txt parameters

The latest version of the 46xxsettings.txt file can be downloaded from:

https://support.avaya.com/downloads/download-details.action?contentId=C201773928555860_8&productId=P0553&releaseId=H.323%206.8.x

Added **USER_LOGGED_IN_ERR_HANDLE** in scope of H32396X1-15506 to avoid CLANs to get over occupied due to many TCP sockets opening on port 1300. If 'SET USER_LOGGED_IN_ERR_HANDLE 1' is used the phone closes the socket and uses a timeout (90 sec) before the new connection. The timeout value has been chosen due to the keep-alive time of the packet.

License Agreements

License agreements are available at <https://support.avaya.com/Copyright>. Please select 96x1 H.323.

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