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GOVERNMENT SOLUTIONS
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Avaya Government Solutions

Secure TSG-Certified IP Phone

Provides UNISTIM for full feature support

Innovative. Efficient. Type A accepted IP Phone brings security and innovative features to desktop communications for deployment inside Sensitive Compartmented Information Facilities (SCIFs) without an external device.

The Avaya Government Solutions IP Phone 1120SA unveils an exciting array of innovative and secure voice-over-IP communication features and capabilities in a type-accepted desktop IP Phone. Ideally suited for both office workers and administrative personnel working in secure areas, the four-line Avaya IP Phone 1120SA supports UNISTIM with deployment support on Avaya communication servers.

The IP Phone 1120SA also enables the presentation of converged voice and data applications, leveraging its integrated high-resolution graphical, eight-level grayscale display. With robust and tightly linked communications features from Avaya communication servers, the Avaya IP Phone 1120SA positions U.S. Federal Government customers to meet both current and future communications needs.

The National Telecommunications Security Working Group (NTSWG) has issued Certification Number CNSS-A-03-2009 approving the Avaya IP Phone 1120SA for deployment under the Director of Central Intelligence

Directive (DCID 6/9) without an external device. The 1120SA is available for purchase using part #NTYS03SAGS. Power supply part #NTYS17SAGS and NA cable part #NTYS14AAE6 are required for each phone. The 1120SA can be purchased as a kit using part #NTYS03SPGS, which includes the telephone plus required power supply and NA cable.

Key Features and Benefits

- Positive disconnect provides on-hook audio security, immediately disconnecting the telephone when not in use
- Unique off-hook visual indicator acts as an alert, warning the user and bystanders that the security features are off when the phone is off hook
- Unique identifier appears in three places inside and outside the phone for quick verification during security sweeps to discourage unauthorized repair or tampering
- Tamper-evident labeling provided by a hologram sticker on the outside of the phone must be removed or broken to access the components, visually identifying tampering attempts
- No hands-free microphone

- Supports four line/programmable feature keys, 14 fixed keys and four context-sensitive soft-label keys, and optional Key Expansion Module (KEM) for additional programmable keys

- High-resolution, backlit, graphical, eight level grayscale, pixel-based display, combined with a five-position adjustable footstand, optimizes viewing in varied lighting conditions

- Four-way navigation cluster with "Enter" key maximizes ease of use and flexibility

- Local AC power via required power adapter #NTYS17SAGS

- Secured communications with standards-based signaling encryption, media encryption and user-based authentication for network access control

- Supports Proactive Voice Quality Management (PVQM) for enhanced administration and diagnostics

- Lockable Tools Menu offers local access to configuration, diagnostic and user preference options

- Added convenience with field upgradable firmware using Trivial File Transfer Protocol (TFTP)

Technical specifications

Platform support Avaya Communication Protocol

- Communication Server 1000 and 2100

- Media Gateway 1000B Expansion Chassis

- Business Communications Manager 50/200/400

- Survivable Remote Gateway 50/200/400

- Application Server 5300

Display

- High-resolution, graphical, eight-level grayscale, monochrome Film Super Twist Nematic (FSTN) Liquid Crystal Display, 240 x 80 pixel, fully bitmapped, backlit screen

- Backlit LCD with local contrast settings

- Configurable backlight timer with 5, 10, 15, 20 minute, 1 and 2 hour settings; "Sleep never" setting for 24x7 environments

- Supports Unicode for expanded language and complex font presentation on phone display

IP Phone footstand adjustments

- Desktop viewing adjustments: 32.5, 40, 47.5 and 55 degree angles

- Wall mount adjustment: minus 5 degrees

Fixed and soft-label keys

- Fourteen fixed keys (Volume Up and Down, Mute, Hold, Goodbye, Directory, Inbox/Message, Outbox/Shift, Quit, Copy, Services and Expand)

- Four context-sensitive soft-label keys

Navigation cluster

- Four-way navigation cluster (left, right, up and down arrows) plus 'Enter' key

Expansion Module

- Supports Expansion Module for IP Phone 1100 Series (18-button)

User Selectable Ringtones Administration and Security

- Static and Full Dynamic Host Control Protocol (Full DHCP factory default) > 802.1x and Extensible Authentication

- Protocol (EAP) for device authentication and network access control

- Standards-based signaling encryption with Advanced Encryption Standard (AES) 128-bit

- 802.1ab Link Layer Discovery Protocol for network auto-discovery and inventory management

- Media path encryption with RFC 3711-compliant Secure Real-time Protocol (sRTP) pre-shared key and public key infrastructure

Dimensions and Weight (approximate)

- Size (W x D x H)
  - » 7.9in x 7.4in x 8.1in/200mm x 188mm x 207mm - 55 degree footstand desktop configuration
  - » 7.9in x 7.5in x 6.4in/200mm x 191mm x 163mm - 32.5 degree footstand desktop configuration

» 7.9in x 8.6in x 4.0in/200mm x 220mm x 101mm - minus 5 degree footstand desktop configuration

- Weight (phone, handset, and handset cord): 2.29lbs/1.04kg

Color

- Graphite with silver metallic bezel finish

Connectivity rates

- Manually configurable for 10 and 100 Mbps speeds when used with Ethernet Switches that do not support auto sensing

Power

- Power dissipation: IEEE Power Class 3. 100 Mbps - 6 watts idle; 8 watts full utilization (not including cable loss)
- Universal local AC power adapter ("brick style") supported (90-260 VAC, 50/60Hz power adapter delivering 48V DC @ 520mA max)

Protocols

- E.164 dialing

Audio Quality of Service

- G.711 a-law, G.711 ì-law, G.729a and Annex B
- 802.1p/Q, DiffServ and VLAN tagging of telephony LAN port traffic
- Supports echo cancellation and silence suppression

Operating temperature

- +5°C to +40°C/+40°F to +104°F

Relative humidity

- 5% to 95% (non-condensing)

Storage temperature

- -40°C to +70°C/-40° to +158°F

EMC

- United States: FCC 47 CFR Part 15 Class B

Safety

- United States: UL 60950-1 1st Edition

US

- US/Canada: Hearing Aid Compatibility (HAC) as per FCC Part 68 and Industry Canada CS-03 Part V
- American Disabilities Act (ADA) compliant dialpad

Learn More

For more information about how Avaya Government Solutions IP Telephone solutions may be leveraged to help grow revenue and reduce costs, contact your Avaya Government Solutions Sales Representative, Avaya authorized partner or visit **www.avayagov.com** and click on IP Telephony.

About Avaya Government Solutions

Avaya Government Solutions is an application-centric integrator converging IT services and intelligent communications to help government ensure the security, livelihood, and well being of its citizens. We deliver a comprehensive portfolio of technology and high-end services capable of meeting the demands of the most complex and important systems in the world. Headquartered in Fairfax, VA, Avaya Government Solutions engineers, deploys and manages mission-critical solutions for government. For more information, please visit **www.avayagov.com**.

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