

Cisco Unified Wireless IP Phone 7925G, 7925G-EX, 7926G Overview

The Cisco Unified Wireless IP Phone 7925G, 7925G-EX, and 7926G

This ensures that the Cisco Unified Wireless IP Phone 7925G, 7925G-EX, and 7926G always has adequate signal and can hold a signal long enough in order to roam seamlessly where signal based triggers are utilized vs. packet loss triggers.

CCX v4

Wi-

12 Mbps

OFDM - QPSK

Up to ten headsets can be paired, where the previously connected headset is given priority.
The Bluetooth device does not need to be within direct line-of-

Encrypted configuration files

When the access point supports the Cisco Client Extensions (CCX) proxy ARP information element, the idle battery life will be optimized. Proxy ARP allows the Cisco Unified Wireless IP Phone 7925G, 7925G-EX, and 7926G to remain in sleep mode longer versus waking up at each Delivery Traffic Indicator Message (DTIM) period to check for incoming broadcasts.

Call Admission Control

For 5 GHz, 20 channels are available in the Americas and 16 channels in Europe and Japan.
Where UNII-

If 802.11b clients are not allowed in the wireless network, then it is strongly recommended to disable the data rates below 12

Common Configuration Options

Field Name

If the Cisco Unified Wireless IP Phone

DHCP Address Assignment Required should be disabled.

If utilizing multicast, then **Enable Global Multicast Mode** and **Enable IGMP Snooping** should be enabled.

If utilizing layer 3 mobility, then **Symmetric Mobility Tunneling** should be **Enabled**.

In the recent versions, Symmetric Mobility Tunneling is enabled by `d8()Nault` and `nMon`

Individual access points can be configured to override the global setting to use dynamic channel and transmit power assignment for either 5 or 2.4 GHz depending on which frequency band is to be utilized.

Other access points enabled can be enabled for Auto RF and workaround the access points that are statically configured.

If Call Admission Control for voice is enabled, then the following configuration should be enabled, which can be displayed in the **show run-config**.

Call Admission Control (CAC) configuration
Voice AC - Admissionf (T Q)- () 4 (n)](f) 7 Q-ol

In later versions of the Cisco Unified Wireless LAN Controller it does not allow both TPC (Power Constraint) and DTPC
(

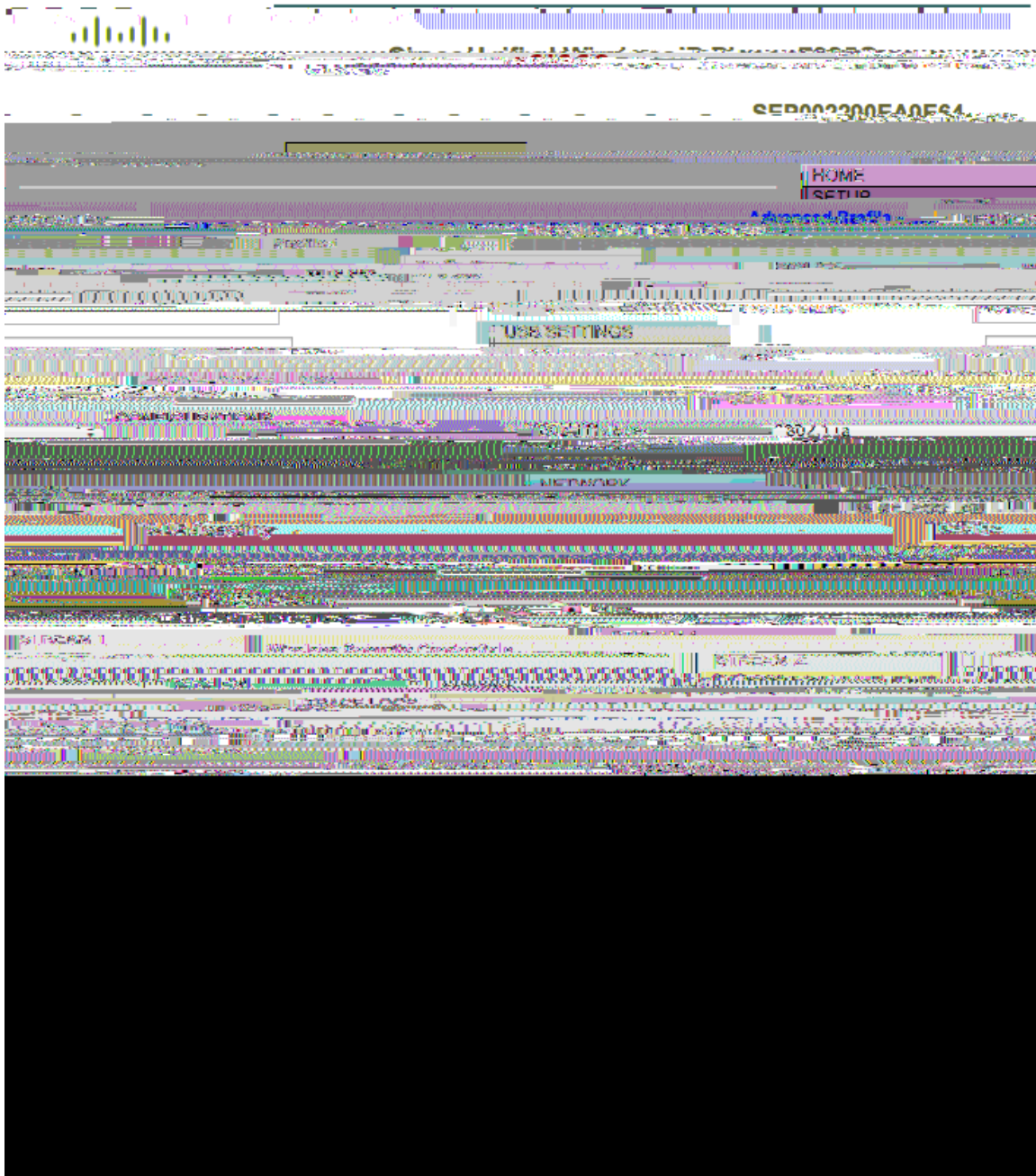
On the **APs** tab, select the desired access points then select

FlexConnect Groups

All access points configured for FlexConnect mode n

To view the EAP configuration on the Cisco Unified Wireless LAN Controller, telnet or SSH to the controller and enter the following command.

If using 802.11i (Pre-Shared key), enter the ASCII or hexadecimal formatted key.
Pre-Shared Key requires that a passphrase be entered in ASCII or hexadecimal format.



When the user certificate has been signed, download the CA certificate in DER encoded format (Base-64 / PEM

The Cisco Unified Wireless IP Phone 7925G, 7925G-EX, and 7926G must be restarted after installing the certificate.
Click

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```
dns-server 10.10.10.20
domain-name cisco.com
option 150 ip 10.10.10.22
option 149 ip 10.10.11.128
```

Custom parameters can also be set via the Cisco Unified Wireless IP Phone 7925G, 7925G-EX, and 7926G

Increased Font

As of the 1.4(1) release, there are options for **Default** (original) font or

Default Font

Web Interface

The phone firmware can be upgraded via the web interface by navigating to Phone Upgrade and browsing to the firmware TAR file.

In order to access the Phone Upgrade menu, the 6 (w2)1 0 6 (u) -3 () 1 (a) -2 (c)-2 (c) -2ss must ue st to

Hardware Diagnostics

As of the 1.3(4) release, a self-diagnostics tool is available that can help with hardware analysis.

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Additional Documentation

Cisco Unified Wireless IP Phone 7925G, 7925G-EX, and 7926G Data Sheets

<http://www.cisco.com/c/en/us/products/collateral/collaboration->

