

ACHATE W6300S 802.11g Skype Phone

The Achate W6300S Skype Phone extends the convenience of wireless connection and the voice quality of Skype into one portable device. The W 6300S is intended to help users make Skype calls at home, workplace and campus without the hassle of turning on computers.

IEEE802.11b/g standard so it is compatible with most standard 802.11b/g Access Point (AP) in the market. With the embedded Skype software users can have access to both PSTN and Skype networks as long as users have a valid Skype account. With the easy startup user will not have to remember the SSID or security keys; the W 6300S stores these information and will connect to AP automatically when it boots up. Paired up with the ATIU's cradle AP, CAP2316A, users can enjoy the benefit of interference free wireless environment through the implementation of MSSID for a dedicated voice SSID.

W 6300S provides the users of cost savings, mobility with 802.11b/g WLAN, and hassle free installation with easy startup. The W 6300S is pact with user-friendly features all in a single device.



Model: W6300S

The Achate W 6300S Skype phone is an easy to use device for campus, Apha Telecom and enterprise environment. ATIU extends the convenience of wireless connection and the voice quality of Skype into one portable device. With the support of Skype software and 802.11b/g standard, the Achate W 6300S gives the users the full Skype experience while on the move.

Features and Benefits

Embedded Skype Software

The embedded Skype software in W 6300S can utilize most of Skype's function such as chat, conference call, voice mail, and even Skype in/out services.

Enhanced Power Saving Design

With an improved power-saving mechanism, the W 6300S can be used for a relatively long period of standby and talk time. The W 6300S is available wherever and whenever users need it.

Industrial standard 802.11b/g Network Compatibility

The W 6300S would allow users to achieve Skype mobility with the support of 802.11b/g wireless standard. With the support 802.11g the W 6300S will not slow down network throughput while running in a pure 802.11g wireless environment.

Exceptional QoS function

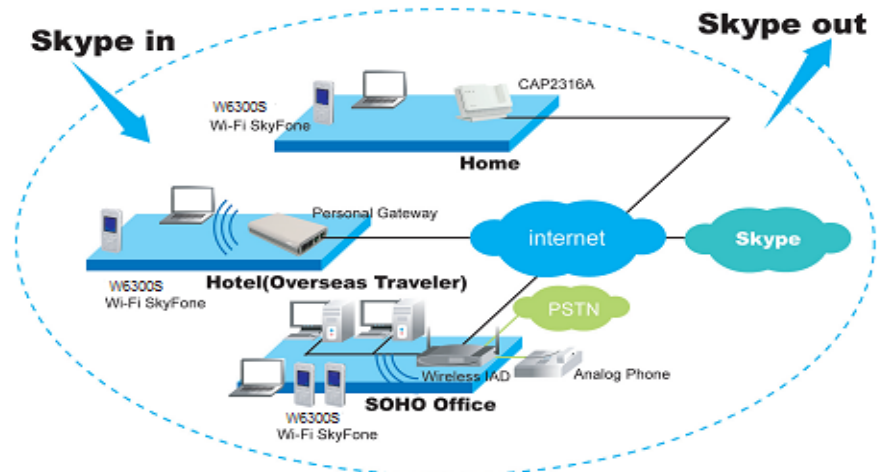
With Quality of Service the W 6300S would maintain exceptional quality in a shared wireless voice and data network by prioritizing voice to have higher priority than data packets.

Advanced Security

The W 6300S supports WiFi Protected Access (WPA) and WPA2 with pre-shared keys (PSK). The advanced encryption method of W 6300S makes users enjoying their Skype calls without the worries of network security issues.

Roaming between APs

The W 6300S supports 802.11f Inter Access Point Protocol (IAPP) to provide STAs with constant IP-connectivity. The W 6300S uses Layer-2 mobility to allow it to roam among APs within the same LAN network.



Specifications

Network Features

- Easy start-up
- Skype Loggin
- Set SSID
- WMM
- Automatic locate voice SSID (Paired up with CAP2316)
- WEP 64/128-bit
- WPA
- WPA2

Voice Codec Features

- G.711a-law/u-law
- G.726
- G.729A/B

Call Features

- Skype to Skype Calls
- Skype-in/out calls
- Skype voice mail
- Call Waiting
- Conference Call (Guest Only)
- Voice Mail
- Call History

Phone Feature

- Contact list
- Chat
- Presence
- Search for users on Skype Index
- Smart Filter
- Edit profiles
- Skype In/Out account balance

Application Features

- Alarm Clock

Management Features

- Firmware upgrade
- Web Management

Physical/connectors

- 1 x 802.11g Wireless interface
- 1 x Mini USB connector
- 1 x Earphone jack

Wireless

- IEEE802.11b/g support
- Antenna: Omni Directional, 2.5dBi
- Frequency: 2.4-2.497GHz
- Channel: FCC 1~11, ETSI 1~13, Japan 1~14
- Data Rates:54, 48, 36, 24, 18, 11.5, 5.5, 2, 1 Mbps
- RF Output: Power 13dBm

Dimension

(W x H x D): 49 x 115 x 18 (mm)

Power Supply/Power adapter

- AC power adaptor:110~ 240 VAC, 50/60Hz
- DC voltage Output: 5V/2A
- Talk Time: 4 hrs(continuous)
- Standby Time: 80 hrs

Environment Requirement

- Temperature Range:
 - 0 to 40 degrees C (Standard Operating)
 - -20 to 70 degree C (Non-operation)

Emissions/Agency Approval/Safety

- USA :
 - Safety - UL 60950-1 (UL)
 - EMI - FCC Part 15B
 - RF - FCC Part 15 C
 - SAR - OET65
- Europe :
 - Safety - EN 60950-1 (TUV), IEC 60950-1(CB)
 - EMC - EN55022, EN55024
 - RF - EN300 328, EN301 489-1-17
- Japan :
 - EMI - VCCI
 - RF - Telec Std 66 (1~13 Channel)
Telec Std 33 (14 Channel)

Warranty

- 1 year

Ordering Information

- Model No.: Achate W 6300S
- Part No.: 555-W6300S

Relative Product

- Skype Wi-Fi Phone Cradle AP
- Personal Gateway
- Skype IP phone
- Skype Conference phone

* Specifications might change without notice



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