Aastra 312w
WLAN - SIP Telephone

The Aastra 312w is the ideal telephone for companies that want to make the most of their existing wireless IP network (WLAN) to create a highly scalable mobility solution with a low total cost of ownership.

The Aastra 312w is suitable for small, medium and large enterprises and all vertical sectors that require a mobile work force.

The Aastra 312w provides the best of Voice over WLAN with user-friendly interface, a high resolution colour display and state of the art security. It also offers all the features appreciated by demanding users: hands-free operation, headset connector and a vibrating alert.

The Aastra 312w can be easily deployed and managed from very small to extremely large installations. The telephone supports SIP and is thus compatible with most open-standard IP environments. It has also been successfully tested with a large number of wireless access points to broaden its appeal.

Highlights

» Large colour display (1,8“, 128 x 160 dots, 65,536 colours)
» Memory Card: this card included in the handset not only stores the user’s phonebook (up to 100 entries) but also all details about the user’s profile (WLAN/SIP profile with encryption key, username, password, SIP registration and IP configuration). So if a new handset needs to be used, the memory card is the only thing to transfer.)
» Hands free operation (key with red LED)
» Headset connection (2,5 mm jack)
» Vibrating alert

Local Features

» Back-lit keypad (colour: amber)
» Info key with red LED (caller list)
» Ring tone off (star key)
» Key lock (hash key)
» Choice of 30 ring tones
» Adjustable ring tone volume
» Small and large font for display
» Choice of background image
» Signal tones for key click, confirmation, low battery, out of range
» Handset name can be edited
» Adjustable display contrast
» Illumination-time for display and keypad can be adjusted separately (separate values while in/out of charger)
» Alarm settings
» Automatic key lock
» Automatic answer when taken off the charger
» Silent charging

Supported SIP Features

» Basic call
» Call transfer (attended, unattended)
» Call forward (busy, no answer, unconditional)
» Broker call
» Hold
» CLID / CNID
» Do not disturb
» DTMF

Set Up Features

» Display languages:
Danish, Dutch, English, Finnish French, German, Italian, Norwegian, Polish, Spanish, Swedish.
» Country specific dial and busy tones
» Regulatory Domain: EMEA/ETSI
» Time and Date by NTP server
» 5 WLAN Profiles (network information, SSID, Authentication method, key)
» IP configuration:
- DHCP
- manually (IP address, mask, gateway, DNS server; NTP server, DSCP flag for DiffServ configuration)
» SIP configuration
» Survey mode: MAC address, IP configuration, SSID, RSSI, channel, encryption mode
» Codecs: G.711, G.729
» WLAN voice power save mode adjustable (Auto, U-APSD, Async. Poll, 802.11 Poll, None)

Administration Features

» Manually firmware update via TFTP, FTP, HTTP
» Password for Administration
» Diagnostic functions and tools
»Ping
»Trace Route
»RSSI plot
»Display of IP-configuration
»List of all access points in range
»System Log

Technical Data

» Standards: 802.11b, 802.11g
» Security: WEP, WPA1-PSK, WPA2-PSK
» Quality of Service: WME / 802.11e priorization
» Stand-by-time / Talk time
up to 50 h* / up to 6 h*
» Battery: Lithium-Polymer battery pack, 1000 mAh, battery compartment locked
» Dimensions: length / width / depth
146 x 50 x 28 mm
» Weight: 144g incl. batteries

Delivery Unit

» Aastra 312w Set
Order No.: 69032

The delivery unit of the set consists of : WLAN Handset, MEM-Card, Belt Clip, Charger , Power supply (110…240V / 50…60 Hz)

Accessories

» Headset T 171 (Standard)
Order No.: 4514 042

» Headset TC 500 (Comfort)
Order No.: 4514 281

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* Depends on expansion stage and the user profile

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