

# D315

Gigabit switch and USB support



# D315



## Key features

- Gigabit switch | USB port
- Dual IPv4/IPv6 stack
- Wideband audio
- 5 configurable function keys with LEDs
- 4 SIP identities

The D315 is a professional phone with a high resolution display that fulfils all important requirements of VoIP telephony as well as providing numerous functions that are of value in the business world.

### Business Class Connectivity

The extensive connectivity options provided in the D315 make this telephone a safe long-term investment for your telephony network. A high-speed USB port enables the user to connect a variety of accessories such as D3 expansion modules or Wi-Fi sticks. In addition, the D315 has a gigabit Ethernet switch for connectivity to a gigabit Ethernet LAN to ensure that you get the most out of your local connections, and a VPN client to enable the integration of an additional security layer when required.

### Flexible Placement

The D315's flexible design makes it suitable for use in a wide variety of environments, including offices, call centers, and reception areas. The D315 can be used as a desk phone, its gently inclined, European-style keyboard making it ideal for easy dialing with minimal impact on the user's hand, and it can also be wall mounted without the need for any additional hardware.

### Investment Protection

Designed to last, the D315 features a dual IPv4/IPv6 stack, which ensures that it is future proof even as networks evolve. It also has the new Snom sensor hook switch designed for durability and reduced wear, ensuring a long product life even when the phone is used extensively and over long periods.

## Benefits

- Backlit graphical display, 4 lines
- Wall mountable<sup>1</sup>
- Hands-free talking (speakerphone)
- Digital signal processor (DSP) enhanced audio quality
- 2-port Gigabit Ethernet switch (RJ45)
- Power over Ethernet IEEE 802.3af, Class 2
- USB headset-ready
- D3 Expansion module-ready<sup>(1)</sup>
- USB WiFi stick support (RT2070/RT3070 chipsets)<sup>(1)</sup>
- Electronic Hook Switch (EHS)<sup>(1)</sup> support for wireless headsets

## Firmware

### Features

- 4 SIP identities / accounts
- XML browser
- Call lists for dialed, received, missed calls
- Local directory with 1000 entries
- Multiple language support
- DTMF in-band / out-of-band / SIP-INFO
- Interoperable with all major IP-PBX platforms

### Call Features

- Speed dialing
- URL dialing
- Local dial plan
- Automatic redial on busy
- Call completion (busy/unreachable)<sup>(2)</sup>
- Caller identification
- Call waiting
- Call blocking (deny list)
- Auto answer
- Hold
- Music on hold<sup>(2)</sup>
- Handling of up to 4 simultaneous calls
- Blind and attended transfer
- Call forwarding
- 3-way conferencing on the phone
- Extension monitoring, call pickup<sup>(2)</sup>
- Call park, call unpark<sup>(2)</sup>
- Multicast paging

- DND mode (do not disturb)
- Keyboard lock
- Client matter code (CMC)<sup>(2)</sup>
- Unified Communications ready

## Audio

- Codecs:
  - G.711 A-law,  $\mu$ -law
  - G.722 (wideband)
  - G.726, G.729AB, GSM 6.10 (FR)
- Built-in assignable ringtones
- Comfort noise generator (CNG)
- Voice activity detection (VAD)

## Set-up

- Configurable through web interface
- Provisioning:
  - Automatic loading of settings via HTTP/HTTPS/TFTP
  - DHCP Options 66/67
  - snom Redirection Service
  - Remote management via TR-069 / TR-111

## Specification

### Protocols

- SIP (RFC3261)
- DHCP, NTP
- HTTP / HTTPS / TFTP
- LDAP (Directory)
- Dual Stack IPv4 / IPv6

### User Interface

- Localization (language, time, dial tone)
- Red LED for call indication / message waiting
- 4 context-sensitive keys
- 5 programmable function keys with green LEDs
- Paper inlay for labeling of function keys
- Dedicated message key
- Audio keys: Mute, speakerphone, headset, volume
- 4-way navigation key, OK and cancel keys
- Menu-driven user interface

### Security

- 802.1X authentication and EAPOL
- Transport layer security (TLS)
- SRTP (RFC3711), SIPS, RTCP
- HTTPS server/client
- Password-protected web interface
- VPN-support
- VLAN (IEEE 802.1Q)
- LLDP-MED, RTCP-XR

### Phone Features

- Dimensions (approx.): 185x200x120 mm (LxWxH)
- Weight (approx.): 720g
- Input voltage: 5V DC (SELV)
- Power supply: PoE or 5V DC power adapter<sup>(1)</sup>
- Handset: 4P4C connector
- Headset: 4P4C connector
- Hearing aid compatible (HAC) handset
- 1 x USB 2.0 host port, type A, Hi/Full/Low-Speed
- Environmental conditions:
  - Ambient temperature: 0°C to 35°C (32°F to 95°F)
  - Storage temperatur: -10°C to 45°C (14°F to 113°F)
  - Humidity: 5% to 95% (non-condensing)
- Included in delivery:
  - Base phone unit
  - Foot stand
  - Handset with cord
  - Ethernet cable
  - Quick Start Guide
- Color: Black-blue
- Warranty: 2 years
- Part Number: 00004258

### Type Approval

- CE Mark
- FCC Class B
- Safety IEC 60950, CB

<sup>(1)</sup> Optional accessory (see below for part number)

<sup>(2)</sup> If supported by PBX

### Part Numbers for Accessories

- 00004325 Power Adapter Snom A6 / EU clip
- 00004326 Power Adapter Snom A6 / US clip
- 00001168 UK clip for Snom A6
- 00001167 AUS clip for Snom A6
- 00004327 D3 Expansion Module
- 00002362 snom EHS Advanced
- 00001122 HS-MM2 headset