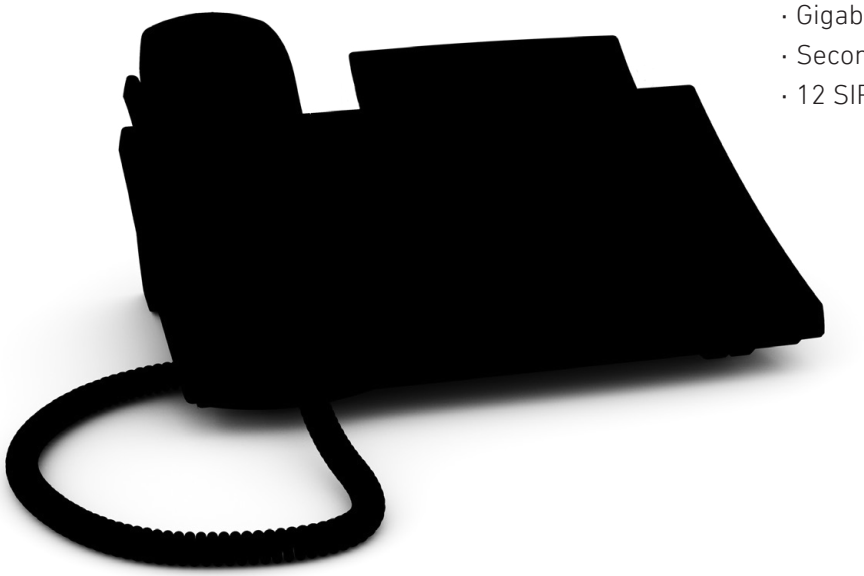
snom

D345

High resolution display and
self-labeling keys



D345



Key Features

- 12 configurable self-labeling multicolor LED keys
- High resolution display
- Gigabit switch | USB port
- Second screen
- 12 SIP identities

The D345 is a high quality office phone supporting 12 identities in an elegant, traditional style that has been designed with the requirements of the IT service provider in mind. Call and feature management, editable call lists, and an address book are provided by the high resolution graphical display. The new Snom sensor hook switch has been designed for durability and reduced wear and helps to ensure a long product life even when the phone is used extensively.

Flexible Placement

The D345's flexible design makes it suitable for use in a wide variety of environments, including offices, call centers, and reception areas. The D345 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.

Function Key Display

The second screen supports four virtual pages, each offering 12 programmable keys with multicolored LEDs for a large number of contacts and other functions. A dedicated key makes the navigation through the pages easy and seamless. The number of extensions can be increased by the use of up to three Snom D3 expansion modules.

Extensive Connectivity

The 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 D345 has a gigabit Ethernet switch for connectivity to gigabit Ethernet LANs and VPN clients to increase value through the integration of an additional security layer.

Benefits

· High resolution graphical display
· Second display for self-labeling LED keys
· Wall mountable
· Sensor hook switch
· 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(1)
· USB WiFi stick support (RT2070/RT3070 chipsets)(1)
· Electronic Hook Switch (EHS)(1) support for wireless headsets

Firmware

Features
· 12 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) (2)
· Caller identification
· Call waiting
· Call blocking (deny list)
· Auto answer
· Hold
· Music on hold(2)
· Handling of up to 4 simultaneous calls
· Blind and attended transfer
· Call forwarding
· 3-way conferencing on the phone
· Extension monitoring, call pickup(2)
· Call park, call unpark(2)
· Multicast paging
· DND mode (do not disturb)
· Keyboard lock
· Client matter code (CMC)(2)
· Unified Communications ready

Audio
· Codecs:
  · G.711 A-law, µ-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
· 12 configurable self-labeling LED 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.): 250x185x120 mm (LxWxH)
· Weight (approx.): 880g
· Input voltage: 5V DC (SELV)
· Power supply: PoE or 5V DC power adapter[1]
· 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: 00004260

Type Approval

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

[1] Optional accessory (see below for part number)
[2] 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

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