

D140



Power over Ethernet (PoE)



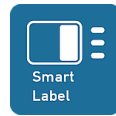
IPv6 & IPv4



Headset connectable



Security (TLS & SRTP)



SmartLabel



HD audio



OpenVPN

The ideal entry-level device for your daily office life

The D140 is suitable for all work environments in which cost-effective but high-quality communication is required. The device, equipped with slate grey housing, offers all the important telephony functions. Two freely programmable SmartLabel keys, six dedicated and four

context-sensitive function keys are available for simple and intuitive operation. The D140 is ideal for large installations, e.g. in public administrations.

Basics

- Product information
 - IP desk phone D140 | slate gray | PN 00004651 | EAN 4262377560365 | UPC 810100350376
 - Operating system: Linux
- Placement: Indoor, desktop, wall mounting

Dimensions and weight

- Dimensions (L × W × H, approx.) without footstand
 - 205 mm × 185 mm × 40 mm
- Dimensions (H × W × D, approx.) with footstand
 - 205 mm × 185 mm × 220 mm (high angle 46°)
 - 205 mm × 185 mm × 200 mm (low angle 28°)
- Weight (approx.):
 - 710 g without footstand
 - 830 g with footstand

Display and indicators

- Display
 - TFT liquid crystal display (LCD), graphical, grayscale, backlit
 - Size (diagonal): 2.8" (67 mm)
 - Size (W × H): 59 mm × 33 mm
 - Resolution: 320 × 240 pixel
- 3 LED indicators
 - Call status indication: 1 red LED
 - Function key status indication: 2 multicolour LEDs

Keypad and function keys

- 36 hard keys in total
 - 12 keys (standard ITU telephone keypad)
 - 4 context-sensitive function keys
 - 5-way navigation key

- 2 SmartLabel keys (with multicolour LED)
- 5 dedicated audio keys
 - Mute
 - Speakerphone
 - Headset
 - Volume + / - (rocker)
- 8 dedicated function keys
 - Ok
 - Cancel
 - DND
 - Message
 - Directory
 - Menu
 - Transfer
 - Hold
- Keyboard lock

Interfaces and connections

- Power options
 - [Power over Ethernet \(PoE\)](#)
 - IEEE 802.3af, class 1 | IEEE 802.3az³
 - Power adapter¹
 - 100 - 240 V AC, 50 - 60 Hz | 5 V DC (SELV), 2 A, 10 W
- Wired interfaces
 - Power adapter:¹ coaxial power connector (socket)
 - Network connectivity: 2 × RJ45-8P8C sockets → Ethernet 10/100 Mbit/s
 - Corded handset: RJ9-4P4C socket
 - Headset:¹ RJ9-4P4C socket
 - [EHS adapter](#):¹ RJ12-6P6C (EHS) socket
- Sensors
 - Hook switch sensor

Audio devices, codecs and features

- Casing microphone | Casing speaker
 - Speakerphone mode: Full duplex
- Corded handset
Microphone | Handset earpiece
Hearing aid compatible (HAC)
- Audio codecs
 - G.711 (A-law, μ -law), G.722, G.726, G.729, G.729A, G.729AB, GSM 6.10 (FR)
- Dual-tone multi-frequency signalling (DTMF / RFC2833)
 - SIP-INFO, in-band, out-of-band
- Related features
 - Built-in assignable ringtones
 - Comfort Noise Generator (CNG)
 - Voice Activity Detection (VAD)

Networking technologies and protocols

- Network technologies
 - OpenVPN, VLAN (IEEE 802.1q)
- VoIP related protocols and techniques
 - SIP, SDP, RTP, RTCP, RTCP-XR, SIP REFER method (RFC 3515), rport (RFC 3581), ENUM, ICE, STUN
- Secure VoIP protocols
 - SIPS (SIP over TLS), SRTP, SRTCP
- Network protocols
 - IPv4 / IPv6 (dual stack), DHCP, NTP, LDAP, LLDP-MED, HTTP, TFTP, L2TP
- Secure network protocols
 - TLS V1.2, HTTPS, IEEE 802.1X (EAPoL)
- Remote management protocols
 - TR-069, TR-069 Annex G (formerly TR-111), TR-369 (USP)

Directory support and call features

- 2 SIP identities / accounts
 - Up to 2 simultaneous calls

- Directory support
 - LDAP (server-based directory)
 - Local directory with up to 1,000 entries
- Outgoing call features
 - Speed dialling via function keys
 - URL dialling
 - Local dial plan
 - Redial (via dialled calls list)
 - Automatic redial on busy
 - Caller identification (CLIP)
 - Calling Line Identification Restriction (CLIR)
 - Call completion (busy/unreachable)²
 - Intercom
 - Multicast paging
- Incoming call features
 - Call waiting/swapping
 - Call barring / blocking: deny list, anonymous calls, Do Not Disturb (DND) mode
 - Auto answer
 - Call diversion
 - Call deflection
- Connected call features
 - Mute microphone
 - Hold
 - Music on hold²
 - Blind call transfer
 - Attended call transfer
 - 3-way (2+1) local conferencing
 - Call park / unpark²
 - Client Matter Code (CMC)²
- Related features
 - Call history lists of missed, received, dialed, rejected, and deflected calls
 - Extension monitoring (Busy lamp field), call pickup²

User interfaces and setup

- Configuration and setup via menu-driven web user interface (WUI)
 - Password-protected login
 - Secure web server/client (HTTPS)
- Configuration and setup via menu-driven phone user interface (PUI)
- Customisation: XML browser
- Automatic configuration via provisioning
 - Loading of settings and firmware via HTTP, HTTPS, TFTP
 - Supported DHCP provisioning options 66 / 67
 - Secure Redirection And Provisioning Service (SRAPS) support
 - Plug & Play (PnP) support
 - Remote management via TR-069 / TR-069 Annex G (TR-111) / TR-369 (USP)
- Localisation
 - Languages
 - Time zone, dial tone
- Diagnostic:
 - SIP / PCAP trace
 - Syslog

Power consumption

- Full mode power consumption⁴
 - Power adapter (Efficiency 80 %): 1.47 W
 - Power over Ethernet (PoE): 2.5 W
- Idle mode power consumption⁵
 - Power adapter (Efficiency 80 %): 0.8 W
 - Power over Ethernet (PoE): 1.6 W

Environmental conditions

- Operating ambient temperature
 - 0 °C - +35 °C
- Nonoperating (storage) temperature
 - -10 °C - +45 °C
- Humidity (non-condensing)
 - 5 % - 95 %

Package contents

- Hardware
 - IP desk phone D140
 - Footstand
 - Corded handset
 - Ethernet cable
- Documentation
 - **Quick Installation Guide**
 - **General Public License (GNU)**

Snom accessories

- Power adapter Snom 10 W PSU (PN 00004570)
- PoE injector A5E (PN 00004679)



Compatible Snom devices

- EHS adapter EHS Advanced 2.0 (PN 00002362)
- DECT headset via RJ9 / EHS A170C (PN 00004733)
- Wired headset via RJ9
 - Monaural: A100M (PN 00004341)
 - Monaural: A310M (PN 00004624)
 - Binaural: A310D (PN 00004626)



Snom spare parts

- Handset D140 / D150 HS (PN 00004693)
- Footstand D140 / D150 DS (PN 00004702)



- ¹ Available separately
- ² If supported by PBX
- ³ Optional via software

- ⁴ Hardware: R1B | Network traffic (PC) 100 Mbit/s, registered phone, active speakerphone call, maximum volume, backlight level 11
- ⁵ Hardware: R1B | PC port disconnected, registered phone, idle mode, backlight off

Series overview



D120



D140



D150

Interoperability



Disclaimer

Further information: [D140 webpage](#) | [Snom Service Hub D140](#) | [Quick Installation Guide D140](#) | [User manual D140](#) | [Short User Manual D140](#) | [Type approval](#) | [Warranty information](#) | [Company locations](#)

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