

D140



Power over
Ethernet (PoE)



IPv6 & IPv4



Headset
connectable



Security (TLS
& SRTP)



SmartLabel



HD audio



OpenVPN

D140 - the ideal entry-level device for your everyday office life

The D140 is suitable for all work environments in which cost-effective but high-quality communication is required. The device, equipped with a slate gray housing, offers all 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
 - PN 00004651
 - Colour: slate gray
 - Operating system: Linux
- Placement: indoor, desktop, wall mounting¹

Dimensions and weight

- Dimensions (L x W x H, approx.) without footstand
 - 205 mm x 185 mm x 40 mm
- Dimensions (H x W x D, approx.) with footstand
 - 205 mm x 185 mm x 220 mm (high angle 46°)
 - 205 mm x 185 mm x 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 x H): 59 mm x 33 mm
 - Resolution: 320 x 240 pixel
- 5 LED indicators
 - Call status indication: 1 red LED
 - Function key status indication: 4 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)

- 6 dedicated function keys
 - Ok, Cancel, DND, Message (with red LED), Directory, Menu, Transfer, Hold
- Keyboard lock

Audio devices, codecs and features

- Corded receiver:
 - Hearing aid compatible (HAC)
- Audio codecs
 - G.711 (A-law, μ -law), G.722, G.726, G.729, 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)

Interfaces and connections

- D140 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)
 - Ethernet 10/100 Mbit/s: 2 x RJ45-8P8C sockets
 - Corded receiver: RJ9-4P4C socket
 - Headset:¹ RJ9-4P4C socket
 - EHS adapter:¹ RJ12-6P6C (EHS) socket
- Sensors
 - Hook switch sensor

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)
- Localization
 - [Languages](#)
 - Timezone, dial tone
- Diagnostic: SIP trace, PCAP trace, Syslog

Networking technologies and protocols

- Network technologies
 - [OpenVPN](#), [VLAN \(IEEE 802.1Q\)](#)
- VoIP related protocols and techniques
 - [SIP \(RFC 3261\)](#), [SDP \(RFC 3261\)](#), [RTP \(RFC 8866\)](#), [RTCP \(RFC 3550\)](#), [RTCP-XR](#), [SIP REFER method \(RFC 3515\)](#), [rport \(RFC 3581\)](#), [ENUM](#), [ICE](#), [STUN \(RFC 5389\)](#)
- Secure VoIP protocols
 - [SIPS \(SIP over TLS\)](#), [SRTP \(RFC 3711\)](#), [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 \(formerly TR-111\)](#)

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 dialed 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](#)
- Connected call features
 - Mute microphone
 - Hold
 - Music on hold²
 - [Blind call transfer](#)
 - [Attended call transfer](#)
 - 3-way 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](#)

Interoperability

- Certified VoIP partner

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 receiver
 - Ethernet cable

- Documentation
 - Quick Installation Guide (QIG)
 - GNU General Public License

Snom accessories and compatible devices

- Power adapter
 - [Snom 10 W PSU \(PN 00004570\)](#)
- EHS adapter
 - [EHS Advanced 2.0 \(PN 00004343\)](#)
- Wired headset via RJ9-4P4C
 - Monaural: [A100M \(PN 00004341\)](#)
 - Binaural: [A100D \(PN 00004342\)](#)
- DECT headset via RJ9-4P4C
 - [A170 \(PN 00004387\)](#)
- Third party headset support
 - [Please check compatibility list](#)



10 W PSU



EHS 2.0



A100D



A100M



A170

¹ Available separately

² If supported by PBX

³ Optional via software

Series overview



D120



D140



D150

Disclaimer

Further information : [Snom website](#) | [Snom Service Hub](#) | [Type approval](#) | [Warranty information](#)

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