SPEED TECHNOLOGY®
An ISO 9001 : 2015 Certified Company

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D713



- High-resolution TFT display
- 4 self-labelling function keys
- HD audio speakerphone
- Gigabit Ethernet switch with PoE support
- Wireless headset connection via EHS

Power over Ethernet (PoE) | IPv6 & IPv4 | Headset connectable | Gigabit Ethernet | Security (TLS & SRTP) | On-screen labels | HD audio

Inexpensive professional IP telephone

The distinctly designed D713 is the cost-effective entry device into the professional world of VoIP telephony. Available in black, it fits perfectly into any work environment, combining the latest technology and the best voice quality at an unbeatable price.
The high-resolution colour display enables the flexible labelling solution SmartLabel for the 4 freely programmable LED function keys. The D713 is equipped with a gigabit switch with PoE support.

Technical Specifications

Basics

- Operating system Linux
- 3-year warranty
- Wall mountable
- Product numbers
  - D713 | black | PN 00004582

Dimensions and weight

- Dimensions (L x W x H, approx.)
  - 205 mm x 185 mm x 40 mm w/o footstand
  - 205 mm x 185 mm x 220 mm at high angle
  - 205 mm x 185 mm x 200 mm at low angle
- Weight (approx.)
  - 830 g with footstand
  - 710 g w/o footstand
- Inclination
  - High angle 46°
  - Low angle 28°

Display and indicators

- Display
  - TFT liquid crystal display (LCD), highcolour, backlit, graphic
  - 2.8" (67 mm) display size (diagonal)
  - Resolution 320 x 240 pixel
- 5 LED indicators
  - 1 red LED for call status indication
  - 4 multicolour LEDs for function key indication

Keypad and function keys

- 38 hard keys in total
- Standard ITU telephone keypad: 12 keys with star and pound/hash key
- 5-way navigation key
- 4 context-sensitive function keys
- Programmable line / function keys
  - 4 self-labelling 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'
- Related features
  - Keyboard lock

Directory support and call features

- 6 SIP identities / accounts
  - Up to 6 simultaneous calls [2]
- 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: via deny list , Anonymous calls
  - Auto answer
  - Call diversion
  - Do Not Disturb (DND) mode
- Connected call features
  - Mute microphone
  - Hold
  - Music on hold [2]
  - Blind call transfer
  - Attended call transfer
  - 3-way local conferencing
  - Call park / unpark [2]
  - Client Matter Code (CMC) [2]
- Related features
  - Call history lists of missed, received, dialed, rejected, and deflected calls
  - Extension monitoring, call pickup [2]

Interoperability

- Certified VoIP partner

Technical Specifications

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)
  - in-band, out-of-band, SIP-INFO
- Related features
  - Built-in assignable ringtones
  - Comfort noise generator (CNG)
  - Voice activity detection (VAD)

Interfaces and connections

- D713 power options
  - Power over Ethernet (PoE), IEEE 802.3af, class 2
  - Power adapter: 100 - 240 V AC / 50 - 60 Hz | 5 V DC (SELV) / 2 A / 10 W[1]
- Wired interfaces
  - 1 coaxial power adapter connector
  - 2 RJ45-8P8C Gigabit Ethernet ports
  - 1 RJ9-4P4C standard connector for corded receiver
  - 1 RJ9-4P4C standard connector for wired headset connection
  - 1 RJ12-6P6C EXT connector for Snom EHS adapter[1]

Package contents

- Desk phone unit
- Footstand
- Corded receiver
- 1.5 m (5 ft) Ethernet cable
- Quick Installation Guide (QIG)
- GNU General Public License

Type approval and standards conformance

- Information technology equipment - Safety 60950
- CE marking
- WEEE 2012/19/EU

Environmental conditions

- Operating ambient temperature: 0 °C to 35 °C (32 °F to 95 °F)
- Nonoperating temperature: - 10 °C to 45 °C (14 °F to 113 °F)
- Humidity (non-condensing): 5 % - 95 %

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)

User interfaces and setup

- Configuration and setup via menu-driven web user interface (WUI)
  - Password-protected login
  - Secure web server/client (HTTPS)
  - Languages
- Configuration and setup via menu-driven phone user interface (PUI)
  - Languages
- 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
  - Remote management via TR-069 / TR-069 Annex G (formerly TR-111)
  - Plug & Play (PnP) support
- Localization
  - Timezone
  - Dial tone
- Related features
  - XML browser

Accessories

- 00004570 | 10 W Power adapter
- 00004341 | A100M | Monaural headset
- 00004342 | A100D | Binaural headset
- 00004387 | A170 | DECTheadset

[1] Available separately
[2] If supported by PBX

Technical Specifications

Series overview



D712



D713



D715



D717



D735



D785