D715

Gigabit switch and HD audio

SNOM

D715

Key features
· Gigabit switch
· USB port
· Wideband audio
· 5 configurable function keys with LEDs
· 4 SIP identities

High speed connectivity
The D715 provides high-speed connectivity thanks to its Gigabit Ethernet switch. The USB port on the D715 enables greater flexibility and functionality for the use of USB headsets, the D7 Expansion module, or WiFi.

Intuitive user interface
Featuring a four-line black and white graphical display, the D715 also has four context-sensitive keys and an intuitive, user-friendly menu. Five programmable keys with built-in LEDs for visual call indication give the user flexibility with each function key configurable for a variety of one-touch telephony functions such as speed dial, busy lamp field, or presence indication.

Advanced features
Using a preinstalled certificate, the D715 supports the latest VoIP security. Advanced remote management and provisioning capabilities make the D715 an ideal endpoint for service providers of VoIP deployments as well as for larger scale installations.

Four SIP identities make the D715 flexible to use. Supporting dual stack IPv4 / IPv6, Gigabit Ethernet and USB, the D715 is future-proof even in demanding environments. In a nutshell, the D715 is the perfect combination of features and affordability.

Benefits

· Backlit graphical display, 4 lines
· Dual-angle footstand: 46° and 28°
· Wallmountable [1]
· Wideband hands-free talking (speakerphone)
· Digital signal processor (DSP) enhanced audio quality
· 2-port 1-Gigabit Ethernet switch (RJ45)
· Power over Ethernet IEEE 802.3af, Class 2
· USB headset-ready
· D7 Expansion module-ready [1]
· USB WiFi stick support (RT2070/RT3070 chipsets) [1]
· Support for wireless headsets via
  Electronic hook switch (EHS) [1]

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) [3]
· Caller identification
· Call waiting
· Call blocking (deny list)
· Auto answer
· Hold
· Music on hold [3]
· Handling of up to 4 simultaneous calls
· Blind and attended transfer
· Call forwarding
· 3-way conferencing on the phone
· Extension monitoring, call pickup [3]
· Call park, call unpark [3]

· Multicast paging
· DND mode (do not disturb)
· Keyboard lock
· Client matter code (CMC) [3]
· 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
· 5 programmable function keys with green LEDs
· Paper inlay for labeling of function keys
· Dedicated message key
· Audio keys with LED indication: Mute,
  speakerphone, headset
· Volume key
· 4-way navigation key, OK and cancel keys
· Menu-driven user interface

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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.):
  · 205 x 185 x 40 mm (LxWxD) w/o footstand (8.1"x7.3"x1.6")
  · 205 x 185 x 200/220 mm (LxWxD) with footstand (8.1"x7.3"x7.9"/8.7")
· Weight (approx.): device 440g, footstand 120g
· Input voltage: 5V DC (SELV)
· Power supply: PoE or 5V DC 10 Watts power adapter[2]
· Handset: 4P4C connector
· Headset connectors:
  · Wired: 4P4C connector or USB connector
  · Wireless: USB connector or proprietary 4-pin connector for snom EHS Advanced[1]
· 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
· Warranty: 2 years
· Part Number: 00004039 (all markets)

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

[1] Optional accessory (see below for part number)
[2] Available separately
[3] If supported by PBX

Part numbers for accessories
00004011   D7 Expansion Module (black)
00002362   snom EHS Advanced
00003820   Wallmount plate for 7-series
00002730   Power adapter PSAC10R-050 (EU/US clip)
00001168   UK clip for PSAC10R-050
00001167   AUS clip for PSAC10R-050