

# SNOM IP-PHONES



# D305 DESK PHONE



## HD audio and sensor hook switch

The D305 is a professional phone with a high-resolution display that maintains the excellent cost-performance ratio expected from this range of Snom telephones. The D305 represents the quality of German engineering, built to the highest standards to ensure long life. It provides businesses with a flexible SIP telephone that will not need to be replaced every few years.

The D305 includes Snom's new and improved audio architecture that has been perfected after many years of research and development. It is designed to deliver the functionality that today's business users require, supporting four SIP identities and boasting a backlit, high-resolution display for excellent screen visibility. It can be used as a desk phone – its gently inclined, European-style keyboard ideal for easy dialling with minimal impact on the user's hand – or it can be wall mounted for use in common areas. The D305 features Snom's unique sensor hook switch designed for durability and reduced wear, ensuring a long product life even when the phone is used extensively and over long periods of time.

## Key features

- HD wideband audio
- Sensor hook switch
- 4 line backlit display
- 4 context sensitive keys
- 5 configurable function keys with LEDs
- 4 SIP identities
- Desk or wall mounting

# D315 DESK PHONE



## Gigabit switch and USB support

With its high-resolution display, the D315 fulfils all important requirements of VoIP telephony and provides numerous valuable functions in the business world. Business class connectivity makes this a smart long-term investment. A high-speed USB port enables connection of a variety of accessories such as D3 expansion module or Wi-Fi sticks. The D315 also has a gigabit Ethernet switch to ensure you get the most out of local connections, and a VPN client to enable integration of an additional security layer.

The D315's flexible design makes it suitable for use in a wide variety of environments, including offices, call centres and reception areas. It can be used as a desk phone – its gently inclined, European-style keyboard lending itself easily to dialling with minimal impact on the user's hand. It can also be mounted on the wall without additional hardware. Designed to last, the D315 features a dual IPv4/IPv6 stack, which ensures its longevity even as networks evolve. It also contains the new Snom sensor hook switch, which increases durability and product life.

## Key features

- Gigabit switch
- USB port
- Dual IPv4 / IPv6 stack
- Wideband audio
- Sensor hook switch
- 5 configurable function keys with LEDs
- 4 SIP identities
- Desk or wall mounting

# D345 DESK PHONE



## High resolution display and self-labelling keys

The D345 Office Telephone supports 12 identities in an elegant, traditional style. Created with the requirements of the IT service provider in mind, the D345's flexible design makes it suitable for use in a wide variety of environments, including offices, call centres and reception areas. The D345 can be used as a desk phone – its gently inclined, European-style keyboard lending itself easily to dialling with minimal impact on the user's hand. It can also be mounted on the wall without additional hardware.

The phone's high-resolution graphical display shows call and feature management, customizable call lists and an address book, while a sensor hook switch helps to ensure durability and long product life. The D345 has a second screen that supports four virtual pages, each with twelve programmable keys and multi-coloured LEDs. A high-speed USB port enables connection of a variety of accessories, such as the D3 expansion module or Wi-Fi sticks. In addition, the D345 has a gigabit Ethernet switch to connect LAN and VPN clients for an added layer of security.

## Key features

- 12 (48) configurable, self-labelling, multi-coloured LED keys
- Gigabit switch and USB port
- Dual IPv4 / IPv6 stack
- High-resolution display
- Dual display
- 12 SIP identities

# D375 DESK PHONE



## The Next-Generation Business Phone

The Snom D375 is a next-generation VoIP phone for business users who need immediate access to all of their important information. With its large 4.3" colour TFT display, the Snom D375 offers an improved and extended presentation of call lists, address books, and menus. 12 freely programmable dual-colour function keys can be configured for a variety of comfort functions such as speed dial, extension, or presence indication. The D375 features two Gigabit Ethernet ports to connect networking devices together. Built-in Bluetooth compatibility and a high-speed USB port enable the users to connect a variety of accessories such as wireless headsets and Wi-Fi sticks. Dual Stack IPv4/IPv6 support ensures investment security. The D375's non-wearing sensor hook switch ensures a long product life even when the phone is used extensively and over long periods of time. The Digital Signal Processor (DSP), paired with an audio system engineered in Germany, guarantees excellent, unmatched audio performance.

The D375 supports the simultaneous use of several audio devices, including operation of both the headset and loudspeaker at the same time. With its characteristic, gently inclined shape for easy dialling, the D375 keypad features a set of 10 timesaving and dedicated function keys such as Do Not Disturb, redial, transfer, and conference.

## Key features

- High-resolution colour display 4.3 inch
- 12 LED function keys (BLF)
- 10 dedicated function keys
- USB connectivity
- Gigabit switch
- Sensor hook switch
- Built-in Bluetooth compatibility

# D385 DESK PHONE



## The perfect mix of elegance and cutting-edge technology

With its wide range of functions and modern design, the Snom D385 marks the next generation of Snom VoIP desk phones and is a natural fit in any office environment. In addition to a high-resolution, inclinable colour display, the telephone also features a modern, clear design. Thanks to the Snom SmartScreen, the tedious labelling of function keys is finally a thing of the past.

The telephone's large 4.3" TFT colour display offers convenient access to all key information such as call lists, address books and functions. The user interface of firmware version 10 has also been redesigned to support users. All keys on the Snom SmartScreen feature multicoloured LEDs, ensuring they are easy to see amidst the clutter of office life. A total of 48 entries are available to users over four pages. Each key can be individually assigned with speed-dialling, call forwarding or other functions via the telephone system or directly on the telephone.

Of course, D385 users will also benefit from the proven Snom HD audio quality. With over 20 years of experience, Snom is a technology leader in this field. Thanks to the integrated Digital Signal Processor (DSP), which optimises quality in real time, all callers will feel as though they are sitting opposite one another.

The telephone also features an integrated gigabit Ethernet switch with Power over Ethernet (PoE) functionality, integrated Bluetooth and a USB connection for conveniently adding accessories such as the Snom D3 and USB headsets. With the A230 DECT dongle and the Snom C52-SP expansion speaker, the Snom D385 can be easily transformed into a conferencing device.

## Key features

- High-resolution 4.3" TFT-colour display
- Dedicated display for extension monitoring
- Up to 48 BLF keys (12 physical)
- Improved graphical user interface
- Wideband graphical user interface
- Wideband hands-free talking
- Digital Signal Processor (DSP) enhanced audio quality

- 2-port Gigabit Ethernet switch (RJ45) IEEE 802.3
- Power over Ethernet IEEE 802.3af, Class 3
- USB headset (1) ready
- D3 Expansion Module (1) ready
- Support for USB Wi-Fi stick
- Electronic Hook Switch (EHS) (1) support for wireless headsets
- Built-in Bluetooth compatibility

# D712 DESK PHONE



## **A business phone designed for HD audio, performance and affordability**

The D712 is a state-of-the-art, full-featured IP desk phone for small or large scale deployments suitable for use in a multitude of business scenarios. Supporting four SIP identities and five programmable keys with built-in LEDs for visual call indication alerts, the D712 blends an elegant utilitarian design for high usability with high performance and affordability.

The D712 delivers a rich set of business telephony features critical to today's real-time, information-driven business workforce. Built for HD audio, it provides superior, crystal-clear end-to-end call quality. Its sleek ergonomic design includes an advanced speaker and microphone system and supports a broad range of audio codecs. Like all Snom desktop phones, the D712 features Snom's security, interoperability and SIP firmware. conferencing device.

## **Key features**

- Elegant design
- Four-line backlit B/W display
- 4 identities (lines)
- IPv6
- 4 context-sensitive function keys
- 5 freely programmable function keys with LEDs
- Wideband HD audio
- Speakerphone
- Power over Ethernet (PoE)
- Ethernet switch
- XML Minibrowser

# D715 DESK PHONE



## A professional desk phone with high-speed connectivity and high-quality audio

The D715 is designed to provide the professional worker with the best in high-speed connectivity combined with high-quality audio. The integral Gigabit switch provides future proofing and combined with the USB port, enables high levels of flexibility and functionality. The USB port can connect a USB headset, a D7 expansion module or Wlan. The phone is available in black and white.

Featuring a four-line black and white graphical display, the D715 also has four context sensitive keys, an intuitive, user-friendly menu and five programmable keys with built-in LEDs for visual call indication. It supports four SIP identities. Dual stack IPv4 / IPv6 ensures future proofing. The D715's combination of features and affordability makes it an ideal endpoint for service providers and larger scale installations.

## Key features

- Elegant design
- Four-line backlit B/W display
- Dual Stack IPv4 / IPv6
- WLAN ready
- Gigabit switch
- Wall mountable
- 5 configurable LED function keys

- 4 identities (lines)
- Wideband HD audio
- Hands-free operation/speakerphone
- Power over Ethernet (PoE)
- XML Minibrowser
- USB Port

# D717 DESK PHONE



## Cost-effective entry-level device

The Snom D717 is a professional desktop phone and a cost-effective entry-level device into the world of VoIP telephony. An advanced IP phone, the D717 features a high-resolution colour display that is second to none in its price segment and also features a unique and innovative brightness and proximity sensor.

The sensor reacts as soon as the user's hand nears the display or the function keys of the IP phone and then displays frequently used features and called numbers. In addition, the sensor ensures that the brightness of the telephone display is always adjusted to the current lighting conditions in the room, reducing the carbon footprint of each device.

In addition to the high-resolution colour display, the phone also has multi-colour LED function keys, an integrated gigabit switch and a USB port ensuring that the complete range of connectivity options are available.

Of course, the Snom D717 is available in both black and white.

This means that the phone can be perfectly adapted to a variety of business locations - whether office or practice. The Snom D717 combines state-of-the-art technology, best voice quality and a clear design in one device - at an unbeatable price. This makes the Snom D717 the perfect entry-level device in the world of professional IP telephony.

## Key features

High-resolution TFT display  
Integrated light sensor  
3 self-labelling function keys  
Wideband hands-free talking (speakerphone)

Digital Signal Processor (DSP) enhanced audio quality  
2-port Gigabit Ethernet switch (RJ45)  
Power over Ethernet IEEE 802.3af, Class 2

# D725 DESK PHONE



## For when you need a complete overview of all calls at your fingertips

The D725 has 18 freely programmable multi-colour function keys in three rows – a design that allows D725 users to have a complete overview of all calls at their fingertips. This, combined with the ability to support up to twelve SIP identities, makes the Snom D725 handset an ideal candidate for intensive phone usage.

The D725's Gigabit Ethernet switch meets demanding telephony connectivity requirements, while its USB port enables the use of accessories for greater connectivity options. The optional D7 expansion module can be attached for additional function keys. The advanced speaker and microphone system and the Digital Signal Processor (DSP) ensure that the D725 delivers a cutting-edge audio performance with superior, crystal clear call quality.

## Key features

- Elegant design
- 18 multi colour function keys
- Wideband audio
- USB Port
- Gigabit switch
- 12 SIP identities
- VLAN support
- Warranty 2 years

# D735 DESK PHONE



## Snom's first sensor-supported IP telephone

The new Snom D735 hits the right notes thanks to its timeless design and the two modern colour variants – this telephone is on the cutting edge, both technically and in terms of appearance.

The high-resolution 2.7" colour display is surrounded by eight multicoloured function keys that you can label yourself. In order to constantly show the user all the important information they could need, the Snom D735 has a built in motion sensor – our first VoIP telephone to have such a feature! As soon as the user's hand approaches the display or the function keys, the display springs to life and automatically shows all the relevant key assignment information. When you move your hand away again, the display reverts to its normal mode. This smart sensor expands the functionality of the D735 enormously and supports the user in their day-to-day activities.

Of course, the Snom D735 also benefits from the tried and tested HD audio quality that has become standard for our telephones. Thanks to this quality, you would be excused for thinking that the person you're talking to were sitting right next to you! This is made possible due to the integrated 'Digital Signal Processors' (DSP), which optimise sound quality in real time, filter out background noise and do so much more. Three-way conferences are also possible with next to no effort.

The Snom D735 also has an integrated gigabit switch with Power over Ethernet (PoE) functionality, as well as a USB port so you can swiftly connect accessories, like USB headsets, to the device.

The Snom D735 is a compact all-rounder and is perfect for all possible uses thanks to its modern and smart functions, as well as the timeless design and colour variants. The new, optimised firmware allows each user to forward calls at the touch of a button, initiate conference calls or mute the telephone temporarily.

## Key features

- High-resolution 2.7" graphical TFT display
- 32 self-labelling function keys (8 physical)
- Sensor technology enables responsive UI
- Wideband hands-free talking (speakerphone)
- Digital Signal Processor (DSP) enhanced audio quality
- 2-port Gigabit Ethernet switch (RJ45)

- Power over Ethernet IEEE 802.3af, Class 2
- USB headset ready
- D7 Expansion Module ready
- Support for USB Wi-Fi stick
- Electronic Hook Switch (EHS) support for wireless headsets

# D745 DESK PHONE



## High resolution display and self-labelling keys

Aesthetically appealing and highly practical, the D745 desk phone is a prime solution for those who utilize the telephone in daily work. It is not only easy to use, but also cost effective for large-scale deployment. Its elegant design complements even the most prestigious surroundings, and its high/low angle foot stand allows for maximum user comfort and efficiency.

Wideband HD audio ensures crystal clear sound quality, and features such as call management, customizable call lists and address book are provided on a high-resolution graphical display. A second screen supports four virtual pages, offering a total of 32 programmable keys with multi-coloured LEDs. The D745 includes a high-speed USB port to connect accessories such as headsets or Wi-Fi sticks, and a gigabit Ethernet switch for connecting LAN or VPN clients to provide an additional layer of security.

## Key features

- High-resolution display
- Dual display
- 8 (32) configurable, self-labelling, multi-coloured LED keys
- Gigabit switch
- USB port
- Wideband audio
- 12 SIP identities

# D765 DESK PHONE



## A desk phone with HD audio and a rich visual information display

The D765 combines ease of use, versatility, design quality and audio performance. It offers a 3.5" high-resolution colour TFT display that delivers rich information – such as presence and photo caller ID – to the user. 16 freely programmable multicolour function keys can be configured for a variety of one-touch telephony functions such as speed dial, busy lamp field or presence indication.

This desk phone features two Gigabit Ethernet ports, built-in Bluetooth compatibility and a high-speed USB port for easy connection of accessories including a USB or Bluetooth headset, a Wi-Fi stick or a D7 expansion module. Superior audio quality is delivered by the advanced speaker and microphone system and the Digital Signal Processor (DSP).

## Key features

- Elegant design
- High-resolution colour display
- 16 LED function keys
- Wideband audio
- USB connectivity
- Gigabit switch
- 12 SIP identities
- Built-in Bluetooth compatibility
- Warranty 2 years

# D785 DESK PHONE



## Next Generation VoIP

The Snom D785 belongs to the latest generation of advanced Snom IP phones. Elegantly designed (Black and white) and featuring a large high-resolution colour display and a convenient second screen for dynamic contact management as well as integrated Bluetooth, this IP phone has all the functions necessary to fulfil even the most demanding requirements. Featuring an integrated Digital Signal Processor (DSP), the Snom D785 has unprecedented HD audio quality. Based on 20 years of experience in audio engineering, Snom provides the best sound quality for every application.

The timeless, modern design of the Snom D785, combined with a large high-resolution colour display is perfect for any working day. The newly designed user interface and second screen make using this telephone more intuitive than ever. Thanks to the second integrated display many applications can be managed quickly and easily. The D785 allows you to set up 24 one-touch keys to manage group calls and speed dial/function keys by displaying all information dynamically. The Snom D785 is the perfect combination of advanced technology and elegant design and sets new standards with its intuitive user interface. Due to its high-resolution colour display and practical second screen, the D785 marks another milestone in the twenty-year history of the VoIP phone pioneer, Snom.

## Key features

- High-resolution colour display
- 6 (24) configurable self-labelling multicolour LED keys
- USB port
- Bluetooth connectivity
- Elegant design

# D3 EXPANSION MODULE



## Expanding your phone to manage a large number of calls

Increase the available function keys on D3xx phones with USB port, allowing users to manage a large number of extensions and calls. The D3 Expansion Module provides an additional 18 multi-coloured LED keys that can be programmed for functions such as line, speed dial, busy lamp field and presence indication. A multi-coloured LED key presents call or presence status, and the high-resolution display provides a visual interface that can be easily configured and labelled via the phone's web interface or directly on the phone itself. The D3 connects to the telephone using a USB cable and up to three D3 expansion modules can be daisy-chained to provide 54 function keys.

## Key features

- 18 highly configurable, self-labelling, multicoloured LED keys
- High-resolution black and white display with backlight
- Daisy-chain up to 3 modules (54 function keys)
- Plug and play
- Power supplied from phone via USB port

# D7 EXPANSION MODULE



## **A high-performance, high-resolution, easy-to-use expansion module**

An expansion module provides users who experience high call coverage with greater flexibility and increased productivity. The D7 expansion module enhances the 700 series by adding 18 programmable keys with LEDs to deliver features such as speed dial, busy lamp field and presence indication. The D7 expansion module is available in black and white. The high-resolution display provides an ideal visual interface. The D7 connects to the telephone via a USB cable, and up to three expansion modules can be daisy chained to add 54 function keys. The final D7 in the chain provides a USB port to connect other peripheral devices such as a USB headset. When more than one D7 is used with a telephone, additional external power is needed.

## **Key features**

- Supports all 700 series telephones with USB ports
- High-resolution graphical display with backlight
- 18 freely programmable multicolour LED function keys
- Dual-angle foot stand: 46° and 28°
- Fully configurable via host phone
- 18 highly configurable self-labelling LED keys
- High-resolution black & white display with backlight
- Daisy chain up to 3 modules
- Plug and play
- Power supplied by phone via USB port for first D7 module

# MATRIX OF FEATURES

## corresponding to Snom D3XX and D7XX series

### Features

Call Origination  
Call Termination  
Missed Call Indicator  
Call Log List key  
Redial List key  
Call Transfer (Blind)  
Call Transfer (Attended)  
Call Waiting - Phone Side  
Calling Line ID  
Calling Line ID with Unicode Characters  
Connected Line ID  
Connected Line ID on UPDATE  
Connected Line ID on Re-INVITE  
Connected Line ID After Call forward  
Connected Line ID with Unicode Characters  
Caller ID with Name on Call Waiting  
Conference (3-way) - Phone Side  
Conference Drop Specific Party  
Conference (N-way) - Server/Network Side  
Conference (3-way) - Server/Network Side  
Hold/Unhold Call - RFC3264  
Hold Call Visual Indication  
Hold Call Reminder Tones (Calling Party)  
Mute  
Call Park/Pickup  
Device Keepalive (top ping)  
Session Timer  
Ring back  
Ring back with Early Media  
Forked Dialog  
181 Call Being Forwarded  
Dial Plan  
Emergency Dial Plan  
Abbreviated Dialling  
Feature Access Code Dialling  
Music-on-Hold

### Extended Features

Priority Alerting / Distinctive Ringing  
Third-Party Call Control - (answer, hold)  
Voice Message Deposit/Retrieval  
Message Waiting Indicator - solicited  
Message Waiting Indicator with message waiting count  
Diversion Header  
History-Info Header  
Register Authentication  
Invite Authentication  
Re-Invite/Update Authentication  
Refer Authentication  
Missed Calls Display Sync

### Localisation / Globalisation

English Language Phone User Interface Support  
French Language Phone User Interface Support  
Spanish Language Phone User Interface Support  
German Language Phone User Interface Support  
Italian Language Phone User Interface Support

### Operations, Administration, Maintenance

RTCP-XR  
Enable/Disable WebUI  
Web SIP Registration Info/Status (SIP trace)  
Activity log  
Long term log server configuration  
Realtime Phone Debug/Status Messages  
PCAP trace recording  
Reset to factory default settings  
Hard Key Reprogramming

## Special SIP Features

SIP messaging over UDP transport  
SIP messaging over TCP transport  
SIP messaging over TLS transport  
SDP in ACK packet  
DTMF out-of-band (RFC2833)  
DTMF in SIP INFO(application/dtmf-relay)  
Remote Phone Restart with SIP NOTIFY  
Multiple SIP Proxy support (per line/account SIP registrar)  
Intercom (ALERT-INFO header)  
Auto Answer (CALL-INFO header)  
SIP Transaction Timer  
Call Decline Policy  
Busy Lamp Field Support  
BLF Key Dial out  
BLF Directed Call Pickup  
BLF Led indication for Early (pickup) and Confirmed state  
Configuration / Provisioning / Deployment  
Config auto-download cfg and firmware per night/wk  
Download config using HTTPS transport  
Redirect Configuration Server (RCS)  
Redundancy and Load Branching  
DNS SRV  
Backup outbound proxy  
DNS A-record Load Balancing  
Security  
SIP/TLS  
SRTP (Secure RTP)  
SIP Whitelist  
Disable Web Services Ports (80, 443, 49249)  
Phone Lock  
TLS 1.2  
SHA-2 certificate  
IEEE Specs  
IEEE 802.3af Inline Power  
IEEE 802.1p QoS  
IEEE 802.1Q VLAN Tagging  
IEEE 802.1x  
ANSI/TIA Specs

## Codecs

G711 u-law Codec (8Kbps)  
G711 a-law Codec (8Kbps)  
G729A annexB Codec  
G722  
Config Codec Preference and Order