

# snom 870 Black IP Phone



Product Name: snom 870 Black IP Phone

Manufacturer: Snom

Model Number: SNOM870-BLACK

Please note the Snom 870 has been discontinued. For an alternative we highly recommend the Snom 760 IP Phone

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Please note: snom 870 IP Phones do not include a mains Power Supply. If mains power is required, this can be added via the drop down menu above.

The snom 870 IP Phone features a touchscreen with a unique user interface. This enables the user to easily handle previously complex applications such as the swapping of calls and the establishment of conference calls for up to 5 participants via "drag and drop".

snom 870 Key Features

- 4.3" TFT Touch display with 24 bit color depth
- Intuitive user interface
- Gigabit Ethernet Switch
- 2 x Type A USB &dash; WLAN ready
- Wideband Audio
- Local 5-way conferencing on the phone

Address book

The well-arranged address book of the snom 870 ensures that each caller can be quickly identified. It offers space for additional information such as company affiliation, email address and much more. The control elements on display are designed for active call handling, so that the right contact is selected even in multiple call scenarios.

Functions

The audio quality of the Snom 870 VoIP Phone matches the high standards that Snom customers have come to expect: wideband audio with silence suppression and voice activity detection. The integrated XML mini browser provides a wide range of additional applications. Whether it is the control of an external USB monitoring camera or accessing the most important stock exchange data; the Snom 870 IP Phone offers a lot of room for extras.

WLAN and Security

No matter where the 870 IP Phone is used, it is prepared for anything: conventional power supply via wall socket, Power over Ethernet (PoE), or WLAN through USB; the Snom 870 IP Phone adapts to any working environment. A secure connection via VPN, TLS and SRTP, which prevents the recording of data, completes the picture.

Flexibility

Already familiar from the Snom 821, the dual 33&deg; or 55&deg; angle footstand, made of sturdy metal, makes all control elements easily visible and accessible. With the Snom 870 IP Phone, the user gets comfortable access to numerous functions that are very rarely offered in such abundance and convenience by any other device.

Note: Snom's 870 IP Phone is interoperable with Windows OCS. Please see the following links:

- How to Configure Snom OCS
- Main Features of Snom OCS
- Advantages of Snom OCS [Video]



## Snom 870 Black IP Phone Technical Specifications

### General Features

- Weight: approx. 920g (690g without stand)
- Certificates: FCC Class B, CE Mark
- Security: IEC 60950-1:2001, CB test certificate: DE 2-008417
- 1 x LAN, 1 x PC: RJ45 (Ethernet)
- Voltage: 5V DC
- Power Consumption: 4-7 Watts (without USB peripherals)
- Ethernet: Gigabit Switch, 2 ports
- Power over network (PoE): IEEE 802.3af, Class 1
- Handset: RJ-4P4C connection
- Headset: RJ-4P4C connection
- USB: 2 x type A, Hi/Full/Low Speed host interface, 1 x type B
- Available in black and white

### User Interface

- High resolution TFT touchscreen color display
- 4.3", 480 x 272 pixels, 24 bits color depth
- 29 keys, 5 LEDs
- 15 freely programmable virtual keys
- 12 variable function keys
- Comfortable and intuitive menu structure
- Call indication with LED
- Caller identification (by display picture)
- LED indication for missed and received calls and messages
- Address book with 2000 contact entries
- Speed dialing
- Local dial plan
- Lists of missed, received and dialed calls (each 100 entries)
- Indication of calls on hold
- Clock with automatic daylight-saving time, call duration
- Call blocking (deny list)
- Blocking of anonymous callers possible
- Call swapping during an ongoing call
- Auto answer
- URL dialing
- Selection of ring tones, VIP ring tones, integration of customized ring tones
- National Language Support
- Mute function

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- Hands-free talking (full-duplex)
- Keyboard lock
- DND mode (do not disturb)

## Additional Functions

- WLAN binding via USB stick
- Hold
- Blind and attended transfer
- Music on hold (via PBX)
- Call forwarding
- 5-way conference on the phone
- Call park, pickup (via PBX)
- Call completion (Busy/Unreachable)
- Client Matter Code (CMC)
- Call swapping
- Automatic redial
- Group call announcements
- Multiple audio device support
- Unified Communications with Snom CTI and Snom OCS edition

## Web Server

- Built in HTTP, HTTPS server
- Remote configuration/provisioning
- Dialing via Web browser
- Password protection
- Diagnostics (traces, logging, syslog)

## Security, Quality of Service

- HTTPS Server/Client
- Transport Layer Security (TLS)
- SRTP (RFC3711), SIPS
- RTCP
- VLAN (IEEE 802.1X)
- LLDP-MED

## Codecs, Audio

- Wideband audio
- G.711 a-law, &micro;-law
- G.722, G.723.1, G.726, G.729AB
- GSM 6.10 (full rate)
- Silence suppression / Voice Activity Detection (VAD)

## SIP

- RFC3261 compliant
- UDP, TCP and TLS
- Digest authentication
- PRACK (RFC3262)
- Error code indication
- Reliability of provisional responses (RFC3262)
- Early media support

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- DNS SRV (RFC3263), redundant server support
- Offer/Answer (RFC3264)
- Message Waiting Indication (RFC3842), Subscription for MWI events (RFC3265)
- Dialog-state monitoring (RFC 4235)
- DTMF (inband/out-of-band) as well as DMTF via SIP INFO
- STUN client (NAT traversal)
- Bridged line appearance (BLA)
- Auto provisioning with PnP
- Presence/Buddy-list feature
- Busy lamp field support (BLF)

## Installation

- Automatic software updates
- Automatic loading of settings via HTTP/HTTPS/TFTP
- Completely configurable through Web interface
- Static IP, DHCP support
- NTP

**Please Enquire**

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Options available for snom 870 Black IP Phone :

## Power Supply Required?

- Not Required -, 1 x UK Power Supply (+£6.50).