

snom 870 CryptoPhone[®] Edition

End-to-end IP voice encryption



- End-to-end IP voice encryption
- Easy to use, easy to install
- Gigabit Ethernet switch
- Compatible with Inmarsat BGAN satellite terminals

The **snom 870 CryptoPhone[®] Edition** is a secure IP desktop phone for end-to-end encrypted voice over IP communications developed by GSMK in partnership with snom technology AG.

snom's highly interoperable, functional desktop phones combined with GSMK's military level encryption deliver seamless unified communications to corporations without compromising sensitive information. With phone fraudsters increasingly trying to access confidential data by listening in on communication over the phone, this solution will help businesses and governments neutralize outsider threats by providing 360 degree security.

The **snom 870 CryptoPhone[®] Edition** features a Gigabit Ethernet interface with an R45 plug. It uses the same encryption engine as GSMK's secure mobile and satellite phones, featuring 256-bit AES and

Twofish session encryption and a 4096-bit Diffie-Hellman key exchange, readout-hash based key authentication, and session keys that are newly generated for each call and destroyed after the call ends.

The **snom 870 CryptoPhone[®] Edition** is easy to use and easy to set up, using a large color touch screen display. Fully compatible with GSMK CryptoPhone[®] IP based mobile and satellite solutions, it offers the latest technology for reliable and secure end-to-end encrypted voice over IP communications.

The **snom 870 CryptoPhone[®] Edition** comes with full source code available for independent review. Finally, you can perform an independent assessment to ensure that you can rely on strong encryption without any backdoors in the communications device that you entrust your security to. The **snom 870 CryptoPhone[®] Edition** enables you to put the trust where it belongs – in a reliable, open and scientific verification process.

Technical Data snom 870 CryptoPhone[®] Edition

DIMENSIONS & WEIGHT

- 230 x 200 x 30 mm / 9.1 x 7.9 x 1.2 in., 690g / 1.5lbs without footstand (920g / 2.1lbs with footstand)
- black or light gray in color

DISPLAY

- 4.3-inch touch -sensitive TFT LCD screen with LED backlight @ 480 x 272, 16M colors

CONNECTIVITY

- RJ-4P4C headset connector

POWER

- IEEE 802.3ad, Class 1 Power over Ethernet or AC power 100 to 240 V, 50-60 Hz, 5V DC, 7 watts maximum operating power

EMI/EMC & SAFETY APPROVALS

- FCC Part 15 Subpart B Class B, CE
- IEC60950-1:2001 maximum operating power

