

Cryptophone PSTN/1

TECHNICAL SPECIFICATIONS

Telephone Line Interface

Standard analog PSTN/POTS interface with RJ11/RJ13 plug, ISDN connectivity available with optional adaptor

Encryption

Strongest and most secure algorithms available today - AES256 and Twofish, 4096 bit Diffie-Hellman key exchange with SHA256 hash function, readout-hash based key authentication, 256 bit effective key length encryption, key is destroyed as soon as the call ends. GSMK CryptoPhones are the only secure phones on the market with full source code published for independent security assessments – no `proprietary` or `secret` encryption, no backdoors, no key-escrow, no centralized or operator-owned key generation, no key registration.

Interoperability

Fully compatible with all GSMK CryptoPhone devices*

Dimensions & Weight

Encryption unit 50 x 275 x 172mm, 2000g, black aluminium, no moving parts or fans Telephone style may vary, customer specific model available for larger orders

External Ports

Standard analog audio port (separate 3.5mm jacks for line in/out) for interfacing the CryptoPhone PSTN/1 with audio and videoconferencing equipment, RS232 serial port for connecting satellite equipment (Thuraya or Inmarsat, other networks on request). System runs on 12V DC power (provided by 100- 240V AC power supply)

Display

Alphanumeric LCD display for key hash value verification and call information



Trustworthy Voice Encryption

The CryptoPhone PSTN/1 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 GSMK CryptoPhone PSTN/1 enables you to put the trust where it belongs – in a trustworthy, open and scientific verification process. GSMK CryptoPhone technology is based on well researched algorithms for both encryption and voice processing. It features the strongest encryption available combined with key lengths that provide peace of mind today and in the future.



Operational Features

Last number redial function, programmable phonebook, speakerphone, ringer, volume control

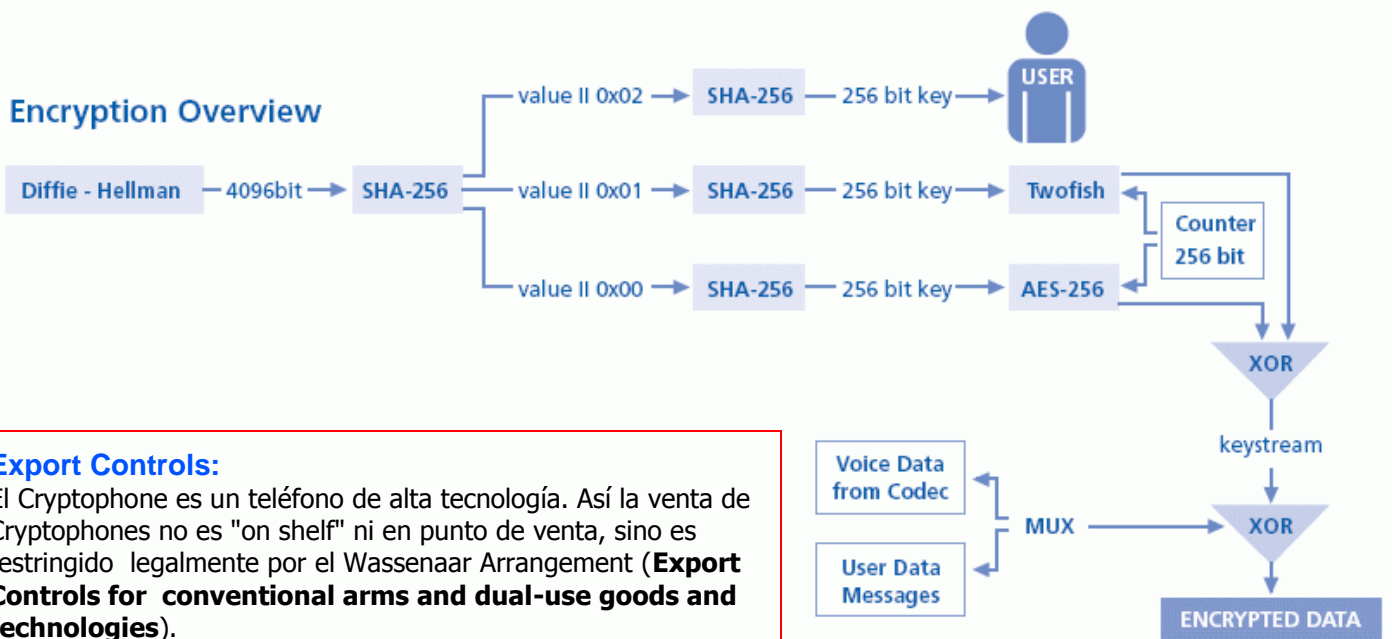
Standard Accessories

100 – 240V AC power adaptor, full cable set, high quality lockable aluminium transport suitcase

Optional Accessories

100 – 240V AC uninterruptible power supply, powerline filtering, 12V cigarette lighter type power supply, solar power pack.

Encryption Overview



Export Controls:

El Cryptophone es un teléfono de alta tecnología. Así la venta de Cryptophones no es "on shelf" ni en punto de venta, sino es restringido legalmente por el Wassenaar Arrangement (**Export Controls for conventional arms and dual-use goods and technologies**).

Nota: no nos hacemos responsables por errores de imprenta