

TECHNICAL SPECIFICATIONS

Radio

GSM quad-band 850 / 900 / 1800 / 1900MHz
• EDGE EGPRS class B, multi-slot class 10 • CSD

Voice 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

Message Encryption

Based on the same strong encryption algorithms used for GSMK CryptoPhone voice encryption - 4096 bit Diffie-Hellman initial key exchange, AES256 and Twofish message encryption with 256 bit effective key length. Supports long SMS and encrypted self-destructing "Eyes Only" SMS.

Device Protection

Encrypted storage system for contacts, messages, and keys with smart folders protects confidential data against unauthorized access • hardened WM5 operating system with granular security management and streamlined, security-optimized components and communication stacks protects device against outside attacks

GSMK CryptoPhones are the only secure mobile phones on the market with full source code published for independent security assessments. They contain no »proprietary« or »secret« encryption, no backdoors, no key-escrow, no centralized or operator-owned key generation, and require no key registration.

Interoperability

Fully compatible with all GSMK CryptoPhone mobile, satellite and fixed-line encryption products



Trustworthy Voice Encryption

The CryptoPhone G10i+ 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 G10i+ 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

Talk time up to 5 hours • standby time up to 150 hours

Dimensions & Weight

98.5 x 51.4 x 15.8 mm • 99g incl. battery • integrated antenna • slimline clamshell design • black color scheme

Display

Main display 2.2-inch sunlight-readable trans-reflective TFT LCD screen with white LED backlight @ 240x320, 65k colors • auxiliary display 1.2-inch TFT LCD screen @ 128x128, 65k colors

Keyboard / Buttons

Full 12-button numerical dialing keypad (supports T9, multi-press and numeric text entry), two soft-key buttons, talk / hang-up buttons, 5-way navigation keypad plus dedicated home and back buttons, camera capture button, volume up/down buttons

Connectivity

Integrated USB/Power/ Audio connector (Slave USB 1.1, Power In, Audio) • MicroSD memory card slot, Bluetooth V1.2 (Supported profiles: Generic Access Profile, Serial Port Profile, Headset Profile, Generic Object Exchange Profile, Object Push Profile, DUN Profile, HID Profile, Hands-free Profile)

Audio codecs

Encrypted calls: CELP and ACELP® VLBR4 • Decoding/playback: WAV / WMA / AMR / AAC / MP3, polyphonic ring tones

CMOS Camera

1.3 megapixels resolution (can be completely disabled upon request)

Notification

Green/red/blue LEDs for GSM network status, power charging status and Bluetooth connectivity status. Customizable vibration alert for notification and incoming calls

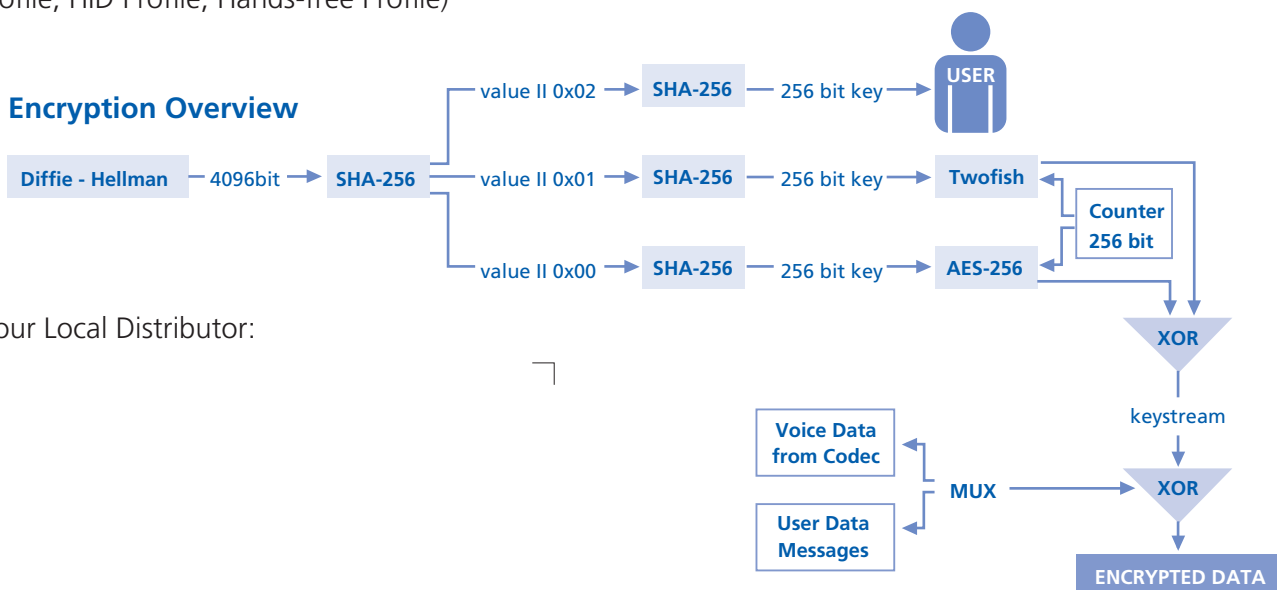
Standard Accessories

100-240V AC adapter • USB sync cable • stereo headset with microphone

Optional Accessories

12V car charger • solar panel charger • vehicle mount kit

Encryption Overview



Your Local Distributor: