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GET TO KNOW THE Ghostcode S10



The Ghostcode S10 is a physical encryption device designed to offer secure communications by encoding and decoding messages outside the mobile phone environment.



Ghostcode S10

Its isolated architecture ensures sensitive information never passes in readable form through the operating system, thus avoiding vulnerabilities associated with malware, spyware, or attacks.



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Ghostcode S10

The device uses a 256-bit symmetric master key, synchronized random algorithms, and advanced physical protection to ensure only legitimate sender and receiver can interpret messages.

HOW DOES IT WORK?

The user enters the message using the Ghostcode S10's keyboard. Upon pressing ENCODE, the device generates a unique cryptographic seed using the personal key and current time. The message is encoded using dynamic, secure algorithms, creating a code impossible to decipher without a synchronized device.

To decode, the recipient must have another Ghostcode S10 configured with the same key. Upon receiving the encrypted message, it is entered into the device, which automatically calculates the correct seed to reveal the original message.

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**Ghostcode
S10**



TECHNICAL SPECIFICATIONS

- Microcontroller: ESP32.
- Display: Monochrome OLED 128×64 px.
- Connectivity: USB-C (HID and Serial UART modes).
- Power: Rechargeable 3.7V lithium battery.
- Secure internal memory for key storage.
- Dimensions: 110×60×10 mm.
- Operating temperature: 0°C to 50°C.
- CE and FCC certifications.



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Ghostcode S10



Ghostcode S10

MAIN FEATURES

- Autonomous encoding and decoding with high-security encryption algorithms.
- Untraceable: no internet or mobile network connection.
- Message reading and writing outside the phone.
- Insertion of encrypted messages into images using steganography.
- Unique 256-bit symmetric key for each user.
- Physical protection: tamper detection with automatic key erasure.
- Encrypted transmission via USB (HID and Serial modes).
- Compatible with Android, iOS, Windows, and Mac.
- OLED display for clear message and status viewing.
- Alphanumeric keyboard and specific buttons for encoding, decoding, and sending.
- Compatible with any messaging application: WhatsApp, Telegram, Signal, email, SMS, and more..



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