

UA Cryptophone

Protection and convenience of communication in the GSM network

(jointly with the National Academy of Sciences of Ukraine)

Cryptophone excludes the possibility to intercept text messages and voice conversations when using standard mobile phone services

FIELDS OF APPLICATION:

- State institutions
- Security and law enforcement agencies
- Banks and financial institutions
- Stock exchanges and markets
- Corporate business and industrial associations
- Legal and auditing firms
- Research and project organizations
- Medical institutions

MAIN FEATURES AND BENEFITS:

- work in two modes: normal and safe communication
- standard cell phone user's interface
- protection of voice conversations and SMS messages
- high quality of conversational speech in safe mode
- automatic identification of the incoming call mode
- symmetric encryption on GOST 28147-89 algorithm with a key length 256 bits
- sessional (for each connection) change of encryption keys
- memory for 750 000 pairs of keys (up to 250 users in 3000 connection sessions for each user)
- automatic control of a key presence

CONSTRUCTION:



- standard Nokia 6020/6021 case
- electronic board of own design
- 3 processors
- color display with 128x128 pixel resolution
- service slot to update the encryption keys
- Software of own design

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