

# Crypto GSM Enigma T301B



*Enigma*



**Triplet**on  
T - TeleSec -

**ID**ea™

## GSM Features

- Dual Band 900/1800MHz Chipset solution
- Make and receive normal and crypto calls, all networks
- Slim Dimensions : 107 x 46 x 23 mm
- Light weight : 104g
- Long standby and Talk times :
  - „standby“ - 240 hours;
  - „talk“ - 120 min for normal or secure calls;
  - Short charging time: 90 min
- Large full graphic LCD (128 x 79 dots) with Blue backlighting for clear operation.
- Integrated Personal Handsfree port for both insecure and secure calls
- Support SIM Tool Kit Phase II
- Software configurable multiple language service include:
  - English, Chinese Simplified & Traditional

- English, German, Portuguese, Greek  
Russian, Ukraine

- Circuit Data/Fax 2.4k/4.8k/9.6kbps
- SMS Point-to-point messaging with Tegic T9 predictive text entry
- Vibrator alert for discrete call alerting
- Lock Mobile to Specific SIM
- Fixed dial number PIN2 feature
- Real time clock with battery backup
- Large 300 Multi-Entry Extended phone book
- Alarm function, Game, Calculator , memo pad
- Multiple Ring Options including selection for secure calls

### **Encryption Features**

- Fully integrated HW module based on Intel StrongArm Processor and DVSI advanced speech Vocoder for superior speech quality.
- Well established Open protocol Encryption Standards employed, RSA, IDEA, RIPEMD-160
- User Authentication by asymmetric RSA 1024bits, X509 v3 certificates (in 2nd SIM ).
- 2nd SIM issued by Telesec or Generated by Customer using key management system.
- 2nd SIM Certified to ITSEC Evaluation level E4, mechanical strength HIGH.
- Encryption module ITSEC Evaluation Level E3.
- Local management following authentication (Blacklist, Whitelist, CUG groups ).
- Encryption : Symmetrically, IDEA 128 bits or AES 256
- New IDEA session key generated for each call.
- Local management via RS232 port and supplied PC software.
- Short authentication and key exchange time ( approx 9 secs ).
- Encrypted Speech quality comparable with GSM standard calls.
- Negligible speech delay during crypto call .
- Encryption Operation as simple as making standard GSM voice calls
- Compatible with Telesec's Linecrypt I+ for making secure calls to ISDN landlines