



## Sec-Line/Phone 2000Xe

### Encryption Phone



**Sec-Line/Phone 2000Xe** is a high-level security encryption telephone from Ardy Electronics Ltd. This encryption phone can be installed to analogue phone lines worldwide. The telephone is a Siemens 2415 phone connected internally to the SLR2000Xe module. Green or Red indication for Secure or Insecure connection. The SLP2000Xe is fully compatible to the SLR2000Xe encryption unit.

**Sec-Line/Phone 2000Xe** uses Diffie Hellman with 1024 bit PKI handshake to start the secure connection and triple DES as per ANSI specification X9.52 as encryption algorithm with a 168-bit unique random synchronous encryption key negotiated for each call.

**Sec-Line/Phone 2000Xe** has to be installed at both sides of the communication in order to establish a secure connection. The unit can be used for both secure and clear phone calls. The internal rechargeable 6 volt battery makes it possible to place Secure calls even when the main power is lost.

**Sec-Line/Phone 2000Xe** connects in moments and offers the following features: Strong Encryption Technology, Clear Voice Quality, One Button Operation, Universal Telephone line Compatibility, and Portable in suite case.



SLP-2000Xe

## Technical Data

Modem: ..... 9600 bps CCITT V.32 full duplex, echo canceling  
Voice encoder: ..... ITU G.729 AS-CELP at 8kbps  
Connection: ..... analogue telephone line  
Operation: ..... full duplex  
AC-power requirements: ..... adapter 240/110VAC 50/60 Hz  
DC-power requirements: ..... 12 VDC 1000 mA

## Encryption Data

Algorithm: ..... Triple DES as per ANSI specification X9.52  
Symmetric key length: ..... 168-bit unique, random key  
Symmetric key combinations: .....  $10^{51}$   
PKI algorithm: ..... Diffie-Hellman exponentiation  
PKI encryption key length: ..... 1024 bits  
Public Key length: ..... 256 bits  
PKI Key combinations: .....  $10^{308}$

## Other Data

Temperature range operating: ..... 0 to 50 C  
Temperature range storage: ..... -20 to 75 C  
Size: ..... 280 x 190 x 60 mm  
Weight: ..... 2.0 kg  
Cover: ..... Plastic  
Information display against "man in the middle attack": ..... Option  
Internal rechargeable Battery: ..... 6 Volt 500mAh, Option