SEC-LINE/FAX-2000

Encryption System for Telefax Communication

Sec-Line/Fax-2000 is the latest creation of secure telefax communication equipment from Ardy Electronics. This encryption system is based on Ardy's encryption processor with an algorithm especially designed to meet the high demands of security and reliability.

Sec-Line/Fax-2000 is installed between the telephone line and the telefax terminal, and can be installed at all telefax types with group 3 communication.

Key management is according to ANSI standard with input of encryption keys from smart cards or from system keyboard. User smart card contains 100 encryption keys, which can be loaded to the encryption processor from the keyboard. Ten encryption keys can manually be loaded from the keyboard to the encryption processor.

Sec-Line/Fax-2000 have a zeroize function for fast erasure of stored keys. Password or master smart card protects system keyboard from unauthorized use.

Sec-Line/Fax-2000 is customized for easy installation at existing telefax networks and gives you an electronic envelope to all your telefax messages, without any delay of the transmission.

Sec-Line/Fax-2000 eliminates all possibilities of inadvertent transmission caused by incorrect dialing or by errors in the telephone network.

SLF-2000

Technical Data

Transmission: .... according to CCITT group 3,T30.
Synchronous speed:...2400, 4800, 7200, 9600 bps.
Communicationfully : .... transparent, or encrypted.
Display:...2x16 character.
Electrical interface: ....phone-line.

Encryption Data

Encryption:...Ardy encryption processor.
Algorithm: .... Ardy stream cipher.
Key management: ....auto or manual.
Key distribution: ....smart cards.
Key length:.. continuously changed 480 bits.
Key input:...manual or smart card.
Synchronization: ....encrypted initialization vector.
Tamper protection: ....automatic internal protection.
Radiation protection:...option.

General Data

Temperature range operating: ....0 to 50 gC.
Temperature range storage:..-20 to 60gC.
Power requirements: ....240/115V, 50/60Hz.
Size: .... 80x275x280mm.
Weight: ....3,0 kg.
Cover:...metal.

Accessories

Smart card key loader
Smart card standard
Smart card with customer logo type
Custom designed algorithm in encryption processor