2064 IPKC-V2
IP ENCRYPTION DEVICE-V2

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2064 IP Encryption Device is a network layer encryption equipment which encrypts and decrypts IP data from end to end. The device supports all types of IP network topologies that require one-to-many or many-to-many connectivity. 2064 IP Encryption device has IEEE 802.3 Ethernet interface and operates in full duplex mode. The Security Management System of the device is capable of updating device configuration and crypto parameters, and displays security alarms. In addition to remote key loading, the device supports manual key loading via a Fillgun device that is used to transmit crypto parameters in a secure manner.

General Features

- Secure Communications over Ethernet network
- 10/100/1000 IEEE 802.3 Ethernet compatible interfaces
- Out of Band Management interface
- Remote management
- User interface functions via keypad and LCD display

Security Features

- Hardware FPGA implementation of crypto algorithm
- Emergency erase of keys (with or without power)
- Built in self-test property
- AES-256 or Nationally certified crypto algorithm options
- 3-way strong authentication
- Tamper proof
- Key storage with external battery
- User access control and limitation via Crypto Ignition Key (CIK)
- Manual key loading with Aselsan 2070 Fillgun device
- Remote key loading, key activation and configuration by Security Management System

Accesories

- 2070 Fillgun Device
- Crypto Ignition Key (CIK)
- Security Management System

Technical Features

Data Interface	10/100/1000 IEEE 802.3 Ethernet compatible
Communication characteristics	350 Mbps Full Duplex traffic
Remote Control	Access Through 10/100 Mbps Ethernet Web Interface
Aselsan 2070 Fillgun	10 Mbps Ethernet Interface
Algorithm	AES-256 or Nationally Certified Algorithm
Authentication	3-Way Strong Authentication via Asymmetric Crypto Algorithms
Key Loading	Manuel or Remote Control
Physical Security Features	Emergency Erase of Keys (with or without power) and Tamper Proof
AC Input	220 ±10%VAC, 50 ±5% Hz
DC Input	24 VDC(19-57 V)
Storaging Temperature	-40°C to +85°C
Operating Temperature	-20°C to +55°C
Humidity	95% (+40°C)
EMI/EMC	MIL-STD-461F
Environmental Standards	MIL-STD-810G compatible
Dimensions	19" rack mountable
Weight	<15 kg
TEMPEST	SDIP-27 A compatible

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