

FUTUREX SKI SERIES

An Innovative Solution that
Eliminates the Inconvenience
of Key Injection

KEY MANAGEMENT SERVER

SKI5000



SKI3000

All-in-One Encryption Solution

Point of Sale (POS) key injection operations are often faced with the challenge of injecting keys into hundreds of terminals in a short amount of time. This can be both costly and time consuming. Most existing key injection tools are not user-friendly and lack the ability to store device configuration data.

The Futurex Secure Key Injector (SKI) Series provides an ideal, cost-effective and all-in-one security solution designed for loading and managing your POS encryption keys.

Manage & Consolidate Encryption Keys

Do you find it difficult and burdensome to manage and audit the numerous keys you have? The SKI Series helps to alleviate that stress. What makes our SKI Series innovative and unlike anything else in the industry is its ability to manage all of your keys and consolidate them into one centralized key injection product solution.

Cost-Effective Solution

Our two models, the SKI3000 and the SKI5000, are capable of injecting keys into two to sixteen POS devices at one time. This makes the SKI Series an ideal cost-saving device for a full-service key injection operation.

Streamlined & Secure Process

The unique design of the SKI Series makes key injection as simple as point-and-click. It also includes the capability of injecting more than one type of key at a time. Our unique data storage feature provides the ability to easily and securely import, create, and store your keys. This helps to eliminate the time-consuming process of performing more key loading ceremonies than are necessary.

An Innovative Solution that Eliminates the Inconvenience of Key Injection

- Supports protocols for most major POS terminal manufacturers and key types
- Compliant with network rules for retail POS keys
- Simple point and click key injection

SPECIFICATIONS

SKI SERIES

Operating System

Secured Linux

Key Types

Triple DES DUKPT

MAK (Message Authentication Key)

Master Session Key—Integrated support for ANSI X-9.24-1 Section 7.6 & 7.8.1

PIN Encryption Key

Secure Master File Key generation

Host Management

Allows for management of multiple host keys

Dimensions & Weight

SKI3000

Space: 1U

Weight: 33 lbs (15 kg)

SKI5000

Space: 4U

Weight: 77.1 lbs (35 kg)—fully equipped with 8 cards

Operating Conditions

SKI3000

Power requirements: 100 – 240 VAC, 50 – 60 Hz,
500 watts @ 100 VAC, 720 watts @ 240 VAC

SKI5000

Power requirements: 100 – 240 VAC, 47 – 63 Hz,
800 watts @ 100 VAC, 960 watts @ 240 VAC

For Both Units

Operating temperature: 50° to 95°F (10° to 35°C)

Storage temperature: -40° to 149°F (-40° to 65°C)

Operating relative humidity: 20% to 80% non-condensing

Storage relative humidity: 5% to 95% non-condensing

External Hardware Requirements

Keyboard: Standard PS/2 or USB

Mouse: Standard PS/2 or USB

Video: Standard SVGA1024x768 at 75Hz refresh*

*Note: the refresh is high speed and may not work with older monitors

Other Functions

Designer templates for label and cryptogram printing

Scanner for barcode serial number reading

Audit logging functionality

Separation of users by job function

Ability to define batch key injection profile

SKI Series Units Include

Key Management application CD

User guide

Mounting brackets

Two TRSM barrel keys

Cables

The Futurex SKI Series will help you overcome the inconvenience of multiple key injections.

Cost-Effective Solutions

- Eliminates the costly manual process of loading multiple keys
- Ability to inject encryption keys into 16 devices at the same time
- Capability of injecting more than one type of encryption key at a time
- Reduces training and administration costs

Simplified Usage

- Easy to use GUI helps reduce training and requirements for key loaders
- Loads multiple POS terminals directly from the unit
- Quickly supports large key injection batches

Supports Major POS Device Makers

- Provides flexibility in key loading operations
- Reduces errors and re-work

Industry Compliant Standards

The SKI Series meets and adheres to the following compliant standards:

- PCI DSS
- FIPS 140-2 Level 3
- ANSI X9.24 part 1 and part 2—TR-39

Powerful Logging Capability

- Provides detailed audit records and the ability to generate key reports
- Simplifies management of internal and external TR-39 audits
- Stores all tracking and serial information for auditing requirements
- Complete, authenticated audit log files of all activity and access

Uncompromising Physical Security

The SKI Series is a FIPS 140-2 Level 3 validated hardware security device with the following physical security features:

- Hardened steel interlocking rack mounted case
- Two unique face-plate bezel locks for securing the server to the rack
- Tamper resistant security module (TRSM) with epoxy barrier and sensor wires to protect processor and system memory
- Battery backup for encryption keys stored in TRSM memory

Robust Logical Security

- Dual logins required to access key loading application
- User group permissions control privileges within key loading application
- Keys are stored as cryptograms under the master file key of the key encryption key
- Key component entry occurs in separate steps each with own check digit display

NORTH AMERICA—Global Headquarters 864 Old Boerne Road, Bulverde, Texas 78163
TF 800.251.5112 P 830.980.9782 F 830.438.8782 info@futurex.com

EUROPE 2430/2440 The Quadrant, Aztec West, Almondsbury, Bristol, BS32 4AQ UK
P+44 (0) 1454 877681 info.intl@futurex.com

ASIA One Fullerton, One Fullerton Road, #02-01 One Fullerton, Singapore 049213
P+65 6832 5176 info.asia@futurex.com

WWW.FUTUREX.COM

