SREDKey

PCI 3.0 Encrypted Key Pad
with MagStripe Card Reader

USB Interface

QuickStart Manual

AGENCY APPROVED

Specifications for subpart B of part 15 of FCC rule for a Class A computing device.

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DESCRIPTION

ID TECH SREDKey is a PCI 3.0 certified encrypted numeric keypad with a Magnetic Swipe Reader (MSR) that reads up to three tracks, which also has the SRED function supported. The unit is equipped with tamper switch so once the device is tampered, all the information will be removed automatically. The keypad allows the retailers to not only encrypt credit card data at the magnetic readers but it also encrypts manually entered credit card number, expiration date and etc. The SREDKey has 15 keys (10 Numeric, 5 functional) with a 2x20 backlit LCD.

Currently we offer the following standard configurations:

1. IDSK-534833TEB   SREDKey IDT Enhanced Encryption Format, TDES
2. IDSK-534833AEB   SREDKey IDT Enhanced Encryption Format, AES

SREDKey encrypts the data using TDES or AES algorithm format with DUKPT key management. SREDKey is available in USB-Keyboard and USB-HID interface.

Magstripe Reader Operation

Plug in the SREDKey USB cable to the terminal, and the LCD will show "Ready" for a few seconds for the initialization. After the prompt changes to "Swipe Card or Key-in Card Number", the user can swipe a card or key-in the card number on the keypad.

The magstripe reader reads up to three tracks bi-directionally. When a card is swiped, the encrypted track data is sent to the host immediately.

Function Keys Operation:

Clear:
- Pressing the "Clear" key allows users to remove all entered data at the current level. The current transaction would not be cancelled.

← :
- Pressing the "←" (backspace) key allows users to remove the entered data one character at a time.

#Admin:
- Pressing the "#Admin" key when the screen displays "Swipe Card or Key-in Card Number" or "Enter Card Number then press Enter" allows user to enter the Admin Menu. Pressing the "#Admin" key in other screens puts the device in the Help Mode.

Cancel:
- Pressing the "Cancel" key once allows users to remove all the input in the current as well as the previous level. The device then goes back to the previous prompt of the current transaction. If the "Cancel" key is pressed twice, the current transaction would be cancelled and the device goes back to the initial mode.

Manually-Keyed Configuration Options

When the "Admin" key is pressed, the screen will display **"Select manual config 1-6"** to prompt the user to select one of five manual entry modes.

Configuration #1: Card Number, Expiration Date
Configuration #2: Card Number, Expiration Date, Zip Code
Configuration #3: Card Number, Expiration Date, Street Number of the Address, Zip Code
Configuration #4: Card Number, Expiration Date, Security Code, Zip Code
Configuration #5: Card Number, Expiration Date, Security Code, Address, Zip Code
Configuration #6: Card Number, Expiration Date, Security Code

When the user selects the key corresponding to a manual mode, and then selects enter, the mode will be configured and the unit will return to the data capture mode. If the user selects more than one key, then the last key selected will be used to select the mode.If a invalid key is selected the unit will display **"error"** then **"Select manual config 1-6"**