

## 1700 SX Series Keyboard Design Guide

This guide will help you understand the multitude of mix and match options at your disposal when deciding which keyboard configuration works best for your secure desktop requirements. The matrix guide below will assist you in selecting the security device you require and the corresponding part number for ordering.

**Security, Without Compromise**



KSI-1700 SX YHFFFB-03



KSI-1700 SX HFFFB-03



KSI-1700 SX FFFB



KSI-1700 SX HB-03

Part Number	RFIDeas RDR-6082 125kHz	RFIDeas RDR-7582 13.56MHz	RFIDeas 125kHz & 13.56MHz	Omnikey Mifare 13.56MHz	TCS1 Biometric Fingerprint	Sonar Presence Detection
KSI-1700 SX HB-03	X					
KSI-1700 SX HB-6				X		
KSI-1700 SX HB-7		X				
KSI-1700 SX HB-16			X			
KSI-1700 SX FFFB					X	
KSI-1700 SX YB						X
KSI-1700 SX HFFFB-03	X				X	
KSI-1700 SX HFFFB-6				X	X	
KSI-1700 SX HFFFB-7		X			X	
KSI-1700 SX HFFFB-16			X		X	
KSI-1700 SX YHFFFB-03	X				X	X
KSI-1700 SX YHFFFB-6				X	X	X
KSI-1700 SX YHFFFB-7		X			X	X
KSI-1700 SX YHFFFB-16			X		X	X

Part # Matrix Guide

# Specifications

## RFID Specifications

Indicators: Tri-state LED, dual tone beeper  
Transmit frequency: 125 kHz & 13.56 MHz  
125KHz Supported cards  
(partial list)

\*AWID      Casi-Rusco®  
\*DigiTag®    Indala® (Motorola)  
\*HID® Prox   HiTag1 - S&2

13.56MHz Supported Cards  
(partial list)

iClass®SE"      iClass CSN  
iClassID      NFC CSN Type 2/4  
Advent CSN      ISO 15693 CSN  
ISO 14443A CSN    Mifare Ultralight CSN  
FIPS 104-2 Compliant

## Biometric Specification

Capacitive fingerprint sensor TCS1CD  
FIPS 201 Compliant  
Resolution:  
508 DPI meets FBI AFIS requirement  
8-bit per pixel grayscale  
Up to 12 frames per second capture rate  
8-bit RAM interface  
Power: 201nA during capture (typical)  
11na during sleep (typical)  
4.5v to 4.6v (FIPS-201 8; EIM mode W/ bezel)  
+/- 15 KV ESD (IEC 61000-4-2 level 4)  
2 Million fingerprint placements



Advanced  
Authentication

## 1700 SX Series Keyboard Specifications

Keyswitch Lifetime  
> 20 million operations  
Storage Temperature: -20°C to 60°C  
Operating Temperature: 0°C to 50°C  
Interface: USB

Keyboard Weight: 2.10 lbs.  
Keyboard Dimensions: 17 3/4" x 7 1/4" x 1 1/8 inches  
Sonar Height: 2 1/4"

10pcs per carton  
Carton Dimensions: 18 x 13 x 20  
Carton Weight: 27 lbs.

## Software Compatibility

AllScripts  
Bio Key  
CA SSO  
Caradigm  
Cerner  
Digital Persona Pro  
Epic  
HealthCast  
IBM  
Imprivata  
McKesson  
Meditect  
Oracle SSO  
Siemens Healthcare

The KSI San-a-Key® Healthcare Technology System is the most advanced method for assisting with infection control and the prevention of cross contamination with the patented easy-to-clean switch to disinfect the keyboard surface between users.



Security Without Compromise

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