KB-6868S-Fo

Full Size USB Keyboard built-in SCR & Fingerprint

A robust full-size USB keyboard made in Taiwan, integrating a high-security smart card reader and FAP 20 certified optical fingerprint sensor. Featuring EMV 4.0 and PBOC 2.0 certifications, it ensures reliable ID verification for banking, healthcare, government, and enterprise systems. The durable IP64-rated glass surface offers superior protection against dust and liquids. Manufactured in Taiwan for TAA compliance, it supports Windows, Linux, and Android for seamless integration in secure environments.

Keyboard

Key Number	104/105/ 109 Keys (US/ EU/JP)
Key Switch	Membrane with 20 million life cycle time
Key Force/ Traveling Distance	50 +/- 7 gm; 4 +/- 0.5 mm
Led Indicator	4 LEDs, Num Lock, Caps Lock, Scroll Lock, Fingerprint detect
Input Power / Interface	5 VDC, 100mA / USB 1.1 version; (PS/2 mini-DIN, optional)
Body Shape/ Key Cap	S-curve keyboard body design/ Ergonomic keycap design with 5 different height

Smart Card Reader

Standard	ISO7816
Protocols	T=0, T=1
APDU Support	Short APDU and Extended APDU
Card Type Support	ISO7816 Class A, B, and C (5V, 3V, 1.8V smart cards)
API Support	PCSC, CTAPI, Synchronous-API, OCF
Software Update Capability	Supports software update from memory card module
Certifications	EMV 4.0 Level 1, PBOC 2.0 Level 1
Direct Web Link Support	Configurable via external EEPROM
PCSC Driver Support	Windows 98/ME/2K/XP (32bit), 2003 Server Win, Win NT, Windows CE5.0/ CE.NET, Windows XP 64bit, Windows Vista (32bit/ 64bit), Windows 7, Linux
Reliability	100K card insertions (500K life cycle time also available)

Optical Fingerprint Reader

Certifications	PIV-071006 Certified, FIPS-201 Certified and Module ID FAP 20 Certified
Power Control	Fine-grained power control
Image Resolution	500 DPI
Sensor Surface	High-durability glass top surface
Ingress Protection	IP64 rated top surface sealed against dust and liquid
Image Quality	High-quality fingerprint image with counterfeit finger rejection
SDK Compatibility	Compatible with Digital Persona SDKs for Windows, Linux, and Android
Applications	ID verification for: Civil ID, voting, entitlement services, Microfinance and healthcare

Others

Physical	Dimension	465 (L) x 172 (W) x 35.3 (H)
	Box / Weight	500 (L) x 220 (W) x 55 (H) mm/ 1.3 Kg (G.W.)
Packing Information		5 pcs/ctn; 1.39 cuft/ctn; 8.5 kgs (G.W.); Carton Dimension: 51.5 x 30.5 x 25 cm

*Features and specification are subject to change without notice.