

KB-6878-MS

Mechanical POS Keyboard built-in MSR & SCR



DIGIMORE'S KB-6878-MS, a 104-key mechanical keyboard with an integrated Magnetic Swipe Card Reader and Smart Card Reader is a secure terminal for computer users in public sectors, hospitals, education, banking, or point of sale (POS). The magnetic swipe card reader complies with ISO 7810 and 7811-1 magnetic card decoding standards completely. It has an intelligent beeper to alert error-free card data reading. Smart Card Reader is ideal for providing user authentication and comply with ISO 7816 Class A, AB, and C memory and microprocessor smart cards (T=0, T=1).

Keyboard		
Key Number	104/105/ 109 Keys (US/ EU/JP)	
Key Switch	Mechanical MX Switch; tactile and audible feedback	
Durability	> 50 million actuations	
Key Force	60cN operating force	
Traveling Distance	2.2 mm pre travel; 4.0 mm total travel	
LED Indicator	4 LEDs, Num Lock, Caps Lock, Scroll Lock, MSR Read/	
Input Power / Interface	5 VDC, 100mA / USB 1.1 version;	
Magnetic Stripe Card Reader		
Number of Tracks	Track 1 & 2 or Track 1, 2 & 3	
Compatibility	ISO 7810 and 7811-1 through -6 cards/ Reads AAMVA driver license cards	
Communications	Decoded track data sent through keyboard communication cable	
Output Data Formatting	Default card data output format or customized data output format is programmable through PC configuration utility. See Appendix A for default settings	
Operating Life	1,000,000 card swipes	
Card Speed Range	3 to 60 IPS (inches per second)	
Audio Beeper	Indicates error free card data reading	
Options - Encryption key	Also provide key Injection, Production Injection and TG3 Key Injection	
Smart Card Reader		
Standard	ISO7816	
Protocols	T=0, T=1.2-wire; SLE 4432/42 (S=10), 3-wire; SLE4418/28 (S=9), 12C (S=8)	
Reading Speed/ Frequency	420 Kbps / up to 8MHz	
Card Type Support	5V, 3V and 1.8V smart card ISO 7816 Class A, AB and C	
API Support	PCSC, CTAPI, Synchronous-API, OCF	
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)	
Others		
Physical	Dimension	455.01 (L) x 178.2 (W) x 34.38 (H) mm
	Box / Weight	TBD
Packing Information	TBD	



* Features and specification are subject to change without notice.