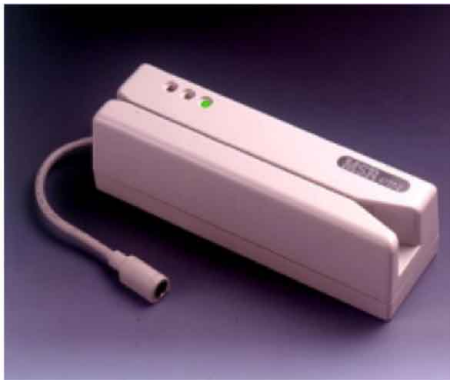
Magnetic Stripe Device
&
Personal Identification Pad

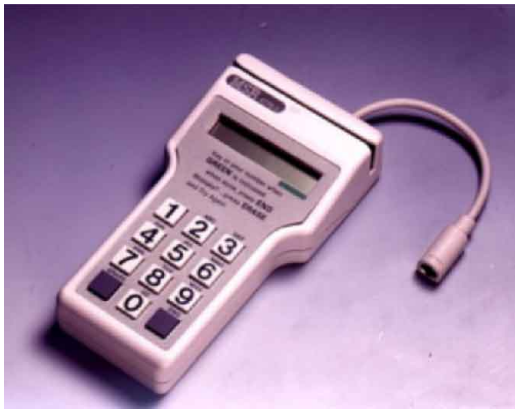
Magnetic Stripe Device
MSR777 Series



- **100% Compatible to IBM 4777 series**
- **Versatile ATM Card Passbooks read and encode capability**
- **Multiple tracks read and write capability**
- **Ability to encode new ATM cards and passbooks**
- **Both Serial and Mouse port communication available**
- **Small keypad with 10 numeric and 2 special keys**

Personal Identification Pad
MSR778 Series

- **100% Compatible to IBM 4778 series**
- **16-character display**
- **Variable length PIN of up to 16 digits**
- **Clear or encrypted operation for greater security**
- **The DES algorithm**
- **Manually entered or downloaded keys**
- **PIN verification within the PIN pad**
- **Easy to read single- or double-length encryption keys**
- **Integrated, 2 or 3-track magnetic stripe reader**



Uniform
Industrial Corp.

Specification

• ••••	MSR777-1	MSR777-2	MSR777-3	MSR777-4
Consumption	+5VDC/300mA max	+5VDC/500mA max	+5VDC/500mA max	+5VDC/300mA max
Interface	RS 232 Serial or Mouse port			
••••• •••••	PC 94V-0			
• •••••	0.8 Kg	1Kg	1Kg	0.8 Kg
•• •••••••	198Lx57Wx58H mm			
•••• •••••	••••••	Read 210BPI		Read/Write210BPI	
	••••••	Read 75BPI	Read/Write75/210BPI	Read/Write75BPI	Read 75BPI
	••••••		Read/Write210BPI		Read 210BPI
Agency Approval	FCC, UL, cUL			
••••••• •••	Operation	-10~50• ;10~85% humidity		
	Storage	-30~70• ;10~90% humidity		
Industrial Standard	ISO 7810, 7811 for magnetic stripe and ISO 8484 for Banking pass book			

• ••••	MSR778-1	MSR778-2	MSR778-3
Consumption	+5VDC/300mA max		
Interface	RS 232 Serial or Mouse port		
••••• •••••	PC 94V-0		
• •••••	0.4Kg	0.35Kg	0.4Kg
•• •••••••	180Lx72Wx30H mm		
•••• •••••	••••••	Read 210BPI		Read 210BPI
	••••••	Read 75BPI		Read 75BPI
	••••••••			Read 210BPI
Agency Approval	FCC, UL, cUL		
••••••• •••	Operation	-10~50• ;10~85% humidity	
	Storage	-30~70• ;10~90% humidity	
Security	• Operates in clear or encrypt mode • Uses the Data Encryption Standard (DES) algorithm • Encrypts PIN conform to ANSIX9.8 • Verifies/creates PIN offset data using the IBM 3624 Consumer Transaction Facility algorithm • Generates or verifies a Message Authentication Code (MAC) • Read card confirm to ANSI 4.16-1983 or ISO7810 & ISO7811/2-5		

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