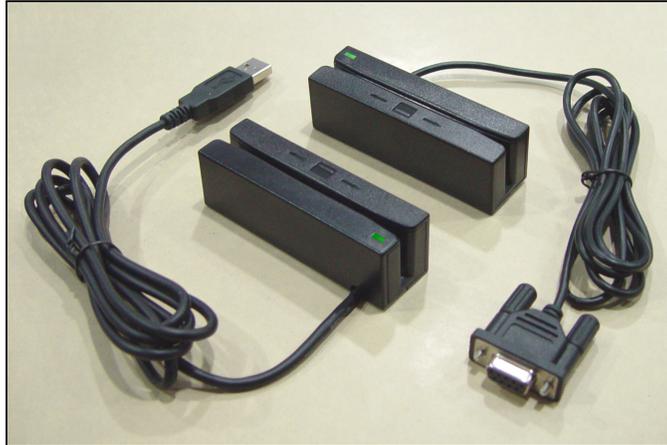


APOLLO READER

AP-MSR200 SERIES

SPECIFICATION

V1.0



ELECTRICAL		
Power	RS232 or USB port powered (No external power supply required)	
Consumption	RS232 Type: Operating --- 5.0mA max at triple	
	USB Type: Operating --- 18.0mA max at triple	
Communication	RS232: Hyper Terminal applicable for test ; 9600 baud, 8 data bits, 1 stop bit, no parity	
	USB Wedge: Notepad applicable for test	
	USB Virtual Com: See test guide	
MECHANICAL		
Housing Material	Plastic	
Dimension	90mm(L) x 25.8mm(W) x 28mm(H)	
Cable	Length 1.5 meter with 9 pin D-sub Female Connector or USB series A plug	
Weight	90g with cable	
ENVIRONMENT		
Temperature	Operating : 0°C ~ +50°C; Storage : -25°C ~ +70°C	
Humidity	10% ~ 90% relative to 40°C, no condensing	
PERFORMANCE		
Card Standard	ANSI/ISO 7811. Low or high coercivity. Single, dual or three tracks	
Card handling	Bi-directional read	
Swipe Speed	10 ~ 100 cm/S	
Error Rate	Less than 0.5%	
Head Life	1,000,000 passes	
Status Indication	LED lights on when powered from serial port or USB port	
	LED flashes in green quickly after a successful reading	
	LED flashes in red quickly after an error reading	
AP-MSR200 SERIES		
Model	Interface Direction	Color
AP-MSR200-1	RS232 port	Computer Grey
AP-MSR200-1B		Black
AP-MSR200-2	USB Wedge	Computer Grey
AP-MSR200-2B		Black
AP-MSR200-3	USB Virtual Com	Computer Grey
AP-MSR200-3B		Black