

## SPECIFICATIONS

	<b>RMK40 multiCLASS Magnetic Stripe Reader with Keypad</b>	<b>RMPK40 multiCLASS Magnetic Stripe Reader with Prox and Keypad</b>	<b>RM40 multiCLASS Magnetic Stripe Reader</b>	<b>RMP40 multiCLASS Magnetic Stripe Reader with Prox</b>
<b>Part Numbers</b>	6230C (Wiegand) 6238C (Clock-and-Data)	6235C (Wiegand) 6233C (Clock-and-Data)	6220C (Wiegand) 6228C (Clock-and-Data)	6225C (Wiegand) 6223C (Clock-and-Data)
<b>Read Range</b>	ICLASS Card: Up to 4.0" (10.2 cm) ICLASS Key/Tag: Up to 1.25" (3.2 cm) MIFARE/DESFire Card (CSN): Up to 2" (5.1 cm)	ICLASS Card: Up to 4.0" (10.2 cm) ICLASS Key/Tag: 1.25" (3.2 cm) MIFARE/DESFire Card (CSN): Up to 1.75" (4.5 cm) HID Prox ISO Card: Up to 3.25" (8.3 cm) HID Prox Clamshell Card: Up to 3.75" (9.5 cm) HID Prox Keyfob/Tag: Up to 1.5" (3.8 cm)	ICLASS Card: Up to 4.75" (12.1 cm) ICLASS Key/Tag: Up to 2.0" (5.1 cm) MIFARE/DESFire Card (CSN): Up to 2.5" (6.4 cm)	ICLASS Card: Up to 4.25" (10.8 cm) ICLASS Key/Tag: Up to 1.5" (3.8 cm) MIFARE/DESFire Card (CSN): Up to 2.0" (5.0 cm) HID Prox ISO Card: Up to 3.25" (8.3 cm) HID Prox Clamshell Card: Up to 3.75" (9.5 cm) HID Prox Keyfob/Tag: Up to 2.0" (5.0 cm)
<b>Mounting</b>	Two-piece plastic cover/electronics and mounting plate. Mounting plate with built in vertical swipe magnetic reader. Magnetic swipe can be mounted on left or right of reader. Mounting plate attaches to U.S. back box, 50-60 mm screw hole spacing (vertical or horizontal), or to any flat surface. Reader cover/electronics secured to mounting plate with security screw. Increase security by replacing mounting plate with built in vertical swipe magnetic reader with a standard mounting plate after magnetic card migration has complete.			
<b>Color</b>	Black			
<b>Dimensions</b>	4.81" x 4.47" x 1.35" (12.2 cm x 11.4 cm x 2.9 cm)		4.81" x 4.47" x 1.05" (12.2 cm x 11.4 cm x 2.7 cm)	
<b>Weight</b>	9.7 oz (275 g)		8.8 oz (250 g)	
<b>Power Supply</b>	5-16 VDC, Linear supply recommended			
<b>Power Requirements</b>	AVG = 110 mA, PEAK = 169 mA @ 12 VDC Nominal Wattage = 1.32 W		AVG = 90 mA, PEAK = 166 mA @ 12 VDC Nominal Wattage = 1.08 W	
<b>Operating Temperature</b>	-31° to 150° F (-35° to 65° C)			
<b>Operating Humidity</b>	5% to 95% relative humidity non-condensing			
<b>Transmit Frequency</b>	13.56 MHz	13.56 MHz and 125 kHz	13.56 MHz	13.56 MHz and 125 kHz
<b>13.56 MHz Card Compatibility</b>	ICLASS 15693, Reads Secure HID Access Control Application, All memory sizes ISO 14443A/14443B US Government FIPS-201 (PIV) ISO 14443A (MIFARE® and DESFire®) - serial number, ISO 15693 - serial number, ISO 14443B - serial number			
<b>125 kHz Card Compatibility</b>	N/A	HID Prox and AUID Credentials	N/A	HID Prox and AUID Credentials
<b>Magnetic Card Data Tracks</b>	1 or 2			
<b>Magnetic Card Speed</b>	8 to 50 inches per second			
<b>Magnetic Card Data Output</b>	All bits Wiegand or Clock-and-Data; Various ABA to Wiegand formats; Supports most Dorado formats <sup>1</sup>			
<b>Cable Distance</b>	Wiegand/Clock-and-Data interface 500ft (150m) (22AWG)			
<b>Termination</b>	Pigtail or Terminal Strip			
<b>Certifications</b>	UL294/cUL <sup>2</sup> (US), FCC Certification (US), IC (Canada), CE (EU), C-tick (Australia, New Zealand), SBRC (China), MIC (Korea), NCC (Taiwan), iDA (Singapore), RoHS			
<b>Housing Material</b>	UL94 Polycarbonate			
<b>Keypad</b>	Yes (4x3)		No	
<b>Family Model</b>	RMK40C	RMPK40C	RM40C	RMP40C
<b>Warranty</b>	Warranted against defects in materials and workmanship for 2 years			

<sup>1</sup> See 13.56 MHz How To Order Guide for more details

<sup>2</sup> UL294/cUL certified for Wiegand interface and outdoor use

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