

iCLASS® 13.56 MHz Contactless – Readers



R10/RW100



R15/RW150



R30/RW300



R40/RW400



RK40/RWK400



R90



**RKL55/
RWKL550**



**RKL57/
RWKL575**

Base Model Number	R10: 6100B/6108B/6109B RW100: 6101B	R15: 6140A/6148A/6149A RW150: 6141B	R30: 6110B/6118B/6119B RW300: 6111B	R40: 6120B/6128B/6129B RW400: 6121B	RK40: 6130B/6138B/6139B RWK400: 6131B	6150A	RKL55: 6170B, 6178B RWKL550: 6171B	RKL57: 6180B, 6188B RWKL575: 6181B
Dimensions	4.04" x 1.9" x 0.9" (10.5 cm x 5.0 cm x 2.5 cm)	6.1" x 1.9" x 0.9" (15.5 cm x 5.0 cm x 2.5 cm)	3.3" x 3.3" x 0.85" (8.5 cm x 8.5 cm x 2.0 cm)	4.8" x 3.3" x 0.95" (12.0 cm x 8.5 cm x 2.0 cm)	4.8" x 3.3" x 1.1" (12.0 cm x 8.5 cm x 2.5 cm)	12.0" x 12.0" x 1.25" (30.5 cm x 30.5 cm x 3.0 cm)	6.14" x 4.17" x 1.48" (15.5 cm x 10.5 cm x 4.0 cm)	8.34" x 4.17" x 2.3" (21.0 cm x 10.5 cm x 4.0 cm)
Weight	3.2 oz (91 g)	3.2 oz (91 g)	4.0 oz (113 g)	8.8 oz (250 g)	10.0 oz (283 g)	60.0 oz (1.86 kg)	12.69 oz (360 g)	17.12 oz (485 g)
Read Range	Up to 3.25" (8.5 cm)	Up to 3.5" (9.0 cm)	Up to 4.0" (10.0 cm)	Up to 4.25" (11.0 cm)	Up to 4.0" (10.0 cm)	Up to 18.0" (45.5 cm)	Up to 4.0" (10.0 cm)	
Mounting	Mullion	Mullion, Fits footprint of HID MiniProx reader.	Standard EU/Asian back boxes	U.S./EU/Asian back box		Reader body fits onto base mounting plate. Cover fits over reader body, secured with four screws.	U.S./EU/Asian back box	
Power Supply	5-16 VDC, Linear supply recommended					12-24 VDC reverse voltage protected, Linear supply recommended	9-12 VDC	
Current Requirements	55/116 mA	55/112 mA	55/121 mA	R40: 55/121 mA RW400: 55/132 mA	RK40: 85/116 mA RWK400: 85/132 mA	420/1300 mA @ 12 VDC 210/700 mA @ 24 VDC	RKL55: 160/250 mA RWKL550*: 160/250 mA	RKL57: 270 mA/328 mA RWKL575*: 270 mA/328 mA
Termination	R10: Pigtail or Terminal Strip RW100: Terminal Strip	R15: Pigtail or Terminal Strip RW150: Terminal Strip	R30: Pigtail or Terminal Strip RW300: Terminal Strip	R40: Pigtail or Terminal Strip RW400: Terminal Strip	RK40: Pigtail or Terminal Strip RWK400: Terminal Strip	Terminal Strip		
Output Formats	R10: Wiegand, Clock-and-Data RW100: Wiegand, RS232, RS485, USB, UART	R15: Wiegand, Clock-and-Data RW150: Wiegand, RS232, RS485, USB, UART	R30: Wiegand, Clock-and-Data RW300: Wiegand, RS232, RS485, USB, UART	R40: Wiegand, Clock-and-Data RW400: Wiegand, RS232, RS485, USB, UART	RK40: Wiegand, Clock-and-Data RWK400: Wiegand, RS232, RS485, USB, UART	Wiegand, Clock-and-Data	RKL55: Wiegand, Clock-and-Data RWKL550: Wiegand, RS232, RS485, USB, UART	RKL57: Wiegand, Clock-and-Data RWKL575: Wiegand, RS232, RS485, USB, UART
FIPS 201 Certification	Yes					No		
Tamper	Optical					Switch	Optical	
Indoor/Outdoor	Both					Indoor		
Warranty	Lifetime					One Year		

* Add 40 mA current draw for USB expansion module. Add 10 mA current draw for RS232, RS485 or UART expansion modules

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