

Access Portal reader COMPARISON

Family	Multi-discipline								Wiegand		S-series	Antenna			Biometric	
Product code	HRW910	HRW902	HRW900	HRW903	HRW901	HRN900	HRK901	HRT900	HRW920	HRK920	SIR900	HRL900	HRL903	HRL904	HRB910	HRB901
Product description	 Multi-discipline reader (MDR-SE)	 Multi-discipline reader (MDR+)	 Multi-discipline reader (MDR)	 Multi-discipline reader/keypad (MDK+)	 Multi-discipline reader with keypad (MDK)	 Multi-discipline junction box reader (MJR)	 Multi-discipline junction box reader with keypad (MJK)	 Multi-discipline T/A reader RS485 only (MDTA)	 Wiegand Metal reader (WMR)	 Wiegand Metal Keypad reader (WMK)	 S-Series mullion reader (SIR)	 Antenna reader, micro mullion (MMA)	 Antenna mullion reader non-keypad (AMR)	 Antenna mullion keypad reader (AMK)	 Imprint fingerprint reader	 Multi-discipline biometric T/A reader RS485, TCP/IP (BMTA)
Environment																
Type	Protected Outdoor	Protected Outdoor	Indoor/sheltered outdoor	Protected Outdoor	Indoor/sheltered outdoor	Indoor	Indoor	Indoor	Indoor/sheltered outdoor	Indoor/sheltered outdoor	Indoor/sheltered outdoor	Outdoor	Indoor/sheltered outdoor	Indoor/sheltered outdoor	Protected outdoor	Indoor
IP rating	IP54	IP65	IP54	IP65	IP54	IP20	IP20	IP54	IP54	IP54	IP54	IP66	IP54	IP54	IP65	IP40
Operating temp.	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C	-20°C to +60°C
Humidity	0 to 95%	0 to 95%	0 to 95%	0 to 95%	0 to 95%	0 to 95%	0 to 95%	0 to 95%	0 to 95%	0 to 95%	0 to 95%	0 to 95%	0 to 95%	0 to 95%	0 to 95%	0 to 90%
Tag types																
125kHz Tags	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y
13.56 MHz Tags	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	Y	Y
Inhibit	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	N	Y	N
Biometric	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Y	Y
Mobile credentials	Y	—	—	—	—	—	—	—	—	—	—	—	—	—	Y	—
Communication																
Electrical interface	Wiegand	Wiegand	Wiegand	Wiegand	Wiegand	Wiegand	Wiegand	RS485	Wiegand	Wiegand	S-Bus	N/A	N/A	N/A	RS485, IP, Wiegand	RS485 + IP
Max dist. to Controller	150m	150m	150m	150m	150m	150m	150m	1 km	150m	150m	up to 150m	25m	25m	16m	150m	RS485 - 1km IP - 100m
Keypad																
LED / display	Tricolour	Tricolour	Tricolour	Tricolour	Tricolour	Tricolour	Tricolour	TFT LCD display	Bicolour	Bicolour	Tricolour	Bicolour	Bicolour	Bicolour	RGB LED	TFT LCD display
Buzzer	Single tone, Single Volume	Single tone, Single Volume	Single tone, Single Volume	Single tone, Single Volume	Single tone, Single Volume	Single tone, Single Volume	Single tone, Single Volume	Single tone, adjustable volume	Single tone	Single tone	Single tone	Single tone, adjustable Volume	Single tone, adjustable Volume	Single tone, adjustable Volume	Single tone	Single tone, adjustable volume
Anti-tamper	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	✓	✓