

# Readers & Cards Comparison Charts

Reader Comparison Chart							
Model	Description and Read Range	Dimensions	Power	Outdoor Suitability	Compatible Cards	Security Level	Compliance
<b>Proximity</b>							
<b>ioProx Readers</b> P225XSF/W26	Mullion Mount Read Range up to 16.5 cm (6.5 in)	11.4 x 4.4 x 2.1 cm (4.5 x 1.75 x 0.84 in)	Controller 4.5-14 VDC	Yes	ioProx	High	UL, FCC, & CE
P325XSF/W26	Single Gang Box Size Read Range up to 20.5 cm (8 in)	11.5 x 7.1 x 2.1 cm (4.55 x 2.8 x 0.84 in)	Controller 4.5-14 VDC	Yes	ioProx	High	UL, FCC, & CE
P225KPXSF/W26	Mullion Mount with Integrated Keypad, Read Range up to 16.5 cm (6.5 in)	11.4 x 4.4 x 2.1 cm (4.5 x 1.75 x 0.84 in)	Controller 4.5-14 VDC	Yes	ioProx	High	UL, FCC, & CE
P325KPXSF/W26	Single Gang Box Size with Integrated Keypad Read Range up to 20.5 cm (8 in)	11.5 x 7.1 x 2.1 cm (4.55 x 2.8 x 0.84 in)	Controller 4.5-14 VDC	Yes	ioProx	High	UL, FCC, & CE
P600	Long Range Reader Read Range up to 73 cm (29 in)	285 x 285 x 31.5 cm (11.25 x 11.25 x 1.25 in)	External 12-28 VDC	Yes	ioProx	High	UL, FCC, & CE
<b>Multi-Tech Readers</b> P345MTR/P345KPMTR	Integrated Keypad (P345KPMTR) Read Range up to 10.2 cm (4 in)	11.1 x 8.4 x 2.9 cm (4.37 x 3.31 x 1.1 in)	Controller 9.4-16 VDC	Yes	ioProx/HID/ Smart Card	High	UL, FCC, & CE
<b>HID Readers</b>							
HID-PP6005B	Mullion Mount Read Range up to 7.6 cm (3 in)	7.9 x 4.4 x 1.7 cm (3.1 x 1.7 x 0.66 in)	Controller 5-16 VDC	Yes	HID	High	UL, FCC, & CE
HID-MP5365	Mullion Mount Read Range up to 14 cm (5.5 in)	15.2 x 4.4 x 2.5 cm (6 x 1.7 x 1 in)	Controller 5-16 VDC	Yes	HID	High	UL, FCC, & CE
HID-PR5355	Single Gang Box Size Read Range up to 20 cm (8 in)	12.7 x 12.7 x 2.5 cm (5 x 5 x 1 in)	Controller 12-24 VDC	Yes	HID	High	UL, FCC, & CE
HID-PR5355KP	With Integrated Keypad Read Range up to 20 cm (8 in)	12.7 x 12.7 x 2.5 cm (5 x 5 x 1 in)	Controller 12-24 VDC	Yes	HID	High	UL, FCC, & CE
HID-TL5395	Single Gang Box Size Read Range up to 14 cm (5.5 in)	11.9 x 7.6 x 1.7 cm (4.7 x 3 x 0.68 in)	Controller 5-16 VDC	Yes	HID	High	UL, FCC, & CE
HID-MX5375	Long Range Reader Read Range up to 61 cm (24 in)	30 x 30 x 2.5 cm (11.8 x 11.8 x 1 in)	Ext.14/28 VDC linear power supply	Yes	HID	High	UL, FCC, & CE
<b>multiCLASS Readers</b> HID-RP40/HID-RPK40	Integrated Keypad (HID-RPK40) Read Range up to 10.2 cm (4 in)	8.4 x 12.2 x 2.4 cm (3.3 x 4.8 x 0.1 in)	Controller 5-16 VDC	Yes	HID/ Smart Card	High	UL, FCC, & CE
<b>ShadowProx Readers</b>							
SH-Y1	Mullion Mount Read Range up to 12.7 cm (5 in)	11.4 x 4.3 x 2 cm (4.5 x 1.7 x 0.8 in)	Controller 5-16 VDC	Yes	ShadowProx	High	UL, FCC, & CE
SH-Y2	Single Gang Box Size Read Range up to 12.7 cm (5 in)	11.4 x 7.6 x 2 cm (4.5 x 3 x 0.8 in)	Controller 5-16 VDC	Yes	ShadowProx	High	UL, FCC, & CE
SH-Y4	Single/Double Gang Box Size Read Range up to 30.5 cm (12 in)	13 x 15.5 x 2.8 cm (5.1 x 6.1 x 1.1 in)	Controller 5-16 VDC	Yes	ShadowProx	High	UL, FCC, & CE
SH-X5	Long Range Reader Read Range up to 66 cm (26 in)	28.4 x 28.4 x 4.6 cm (11.2 x 11.2 x 1.8 in)	External 12-24 VDC	Yes	ShadowProx	High	UL, FCC, & CE
SH-2KP	With Integrated Keypad Read Range up to 10 cm (4 in)	11.6 x 7.6 x 1.7 cm (4.5 x 3 x 0.7 in)	Controller 5-16 VDC	Yes	ShadowProx	High	UL, FCC, & CE
<b>multiCLASS Readers</b> SH-RP40/SH-RPK40	Integrated Keypad (SH-RPK40) Read Range up to 10.2 cm (4 in)	8.4 x 12.2 x 2.4 cm (3.3 x 4.8 x 0.1 in)	Controller 5-16 VDC	Yes	ShadowProx/ Smart Card	High	UL, FCC, & CE
<b>ioProx Receiver</b>							
P700WLS	Read Range up to 45 m (150 ft) with Power Dipole Antenna	19.2 x 13 x 4.1 cm (7.56 x 5.13 x 1.63 in)	Controller 12 or 24 VDC	Yes	ioProx Transmitters	Medium/ High	FCC
<b>Polaris Mag Stripe</b>							
POL-2	Reader Only	15.8 x 4.5 x 3.8 cm (6.24 x 1.75 x 1.48 in)	Controller 5 VDC	Yes	Polaris	Medium	FCC & CE
POL-2KP	Reader with Integrated Keypad	15.8 x 4.5 x 3.8 cm (6.24 x 1.75 x 1.48 in)	Controller 5 VDC	Yes	Polaris	Medium	FCC & CE
<b>Bar Code</b>							
BC-301	Heavy Duty Construction	4.3 x 12.8 x 3.9 cm (1.7 x 5.05 x 1.54 in)	Controller 5 VDC	Yes	Various	Low	FCC & CE
<b>Wiegand</b>							
WEI-R20	Swipe Model	5.8 x 13.5 x 4.3 cm (2.3 x 5.3 x 1.7 in)	Controller 5-12 VDC	Yes	Wiegand	Low/ Medium	UL & CE
WEI-R30	Insertion Model	3 x 8.1 x 7.6 cm (1.18 x 3.18 x 3 in)	Controller 5-12 VDC	Yes	Wiegand	Low/ Medium	UL & CE