





RFID Readers, Credentials, Receivers & Transmitters



READERS & RECEIVERS SELECTION CHART

KLADLKS	& IVECEI	Mounting Type Warranty		ranty					
Madal	Francisco	Pared Parece	Mullion	Single Cong	Double Cong	Pouling Polloyd	Fure/Aging	LIFETIME Lifetime	ONE YEAR
Model Pyramid Series Prop	Frequency	Read Range	Mullion	Single-Gang	Double-Gang	Parking Bollard	Euro/Asian	Lifetiffie	One Year
	-	up to 6 inches							
P-300	125 kHz	(152 mm)	•					•	
P-500	125 kHz	up to 8 inches (203 mm)		•				•	
P-530	125 kHz	up to 6 inches (152 mm)					•	•	
P-620	125 kHz	up to 5 inches (126 mm)	•					•	
P-640	125 kHz	up to 8 inches (203 mm)		•				•	
P-710	125 kHz	up to 15 inches (381 mm)		•				•	
P-900	125 kHz	up to 20 inches		•	•	•		•	
MCR Proximity Rea	ders	(508 mm)							
		up to 3.5 inches						_	
MCR-30-H	125 kHz	(88 mm)	•	_				•	
MCR-50-H	125 kHz	(176 mm)		•				•	
MCR-64-H	125 kHz	up to 7 inches (176 mm)		•				•	
EM Specialty Proxir	nity Readers								
EM-30-H	125 kHz	up to 3.5 inches (89 mm)	•					•	
EM-50-H	125 kHz	up to 4.25 inches (108 mm)		•				•	
EM-64-H	125 kHz	up to 4.25 inches (108 mm)		•				•	
Guardian™ Proximi	ty Vandal-Resist	ant Readers							
P-403	125 kHz	up to 5 inches (127 mm)	•					•	
P-405	125 kHz	up to 5 inches (127 mm)		•				•	
P-410	125 kHz	up to 7 inches (178 mm)			•			•	
Guardian™ Contact	less Smartcard \		aders						
D-403	13.56 MHz	up to 1.5 inches (38 mm)	•					•	
D-405	13.56 MHz	up to 3 inches (76 mm)		•				•	
D-410	13.56 MHz	up to 3 inches (76 mm)			•			•	
Gibraltar™ Bullet-F	Resistant Readers								
P-453	125 kHz	up to 1.5 inches (38 mm)	•					•	
P-455	125 kHz	up to 1.5 inches		•				•	
Delta® Contactless	Smartcard Read	(38 mm) ers – Now with MIFA	ARE® DESFire® I	EV1 Support					
Delta3	13.56 MHz	up to 1.5 inches	•					•	
		(38 mm) up to 3 inches		•				•	
Delta5	13.56 MHz	(76 mm) up to 1.5 inches		•					
Delta5.3	13.56 MHz	(38 mm) up to 2 inches					•	•	
Delta6.4	13.56 MHz	(51 mm)		•				•	
Ranger® Long-Rang	e Receivers	1. 100 (
WRR-22	433 MHz	up to 100 feet (30.5 m)							•
WRR-44	433 MHz	up to 200 feet (61 m)		•			•		•



READERS					
Model	Name/Description	Download Datasheet			
Pyramid Series Proximity® 125-kHz Proximity Readers					
Р-300-НА	P-300 Cascade Proximity Reader Designed to be mounted to metal door and window frames (mullion).	PDF			
P-500-HA	P-500 Alps Proximity Reader Designed to be mounted to a standard North American single-gang wall switch box.	PDF			
Р-530-НА	P-530 EuroMount Proximity Reader Designed to be mounted to a standard European-sized (60 mm) wall switch box.	PDF			
Р-620-НА	P-620 Denali Proximity Reader & Keypad Designed to be mounted to metal door and window frames (mullion), and integrates both a proximity reader and keypad into a single unit.	PDF			
Р-640-НА	P-640 Patagonia Proximity Reader & Keypad Designed to be mounted directly to standard North American single- gang wall switch box, and integrates both a proximity reader and keypad into a single unit.	PDF			
P-710-HA	P-710 Andes Proximity Reader A longer read range intended for applications calling for heightened levels of convenience, such as parking lots and high-volume employee entrances.	PDF Adobe			
P-900-HA	P-900 Atlas Proximity Reader Capable of delivering read ranges of up to 20-inches (508 mm). The longer read range can add convenience to a wide range of applications.	PDF			
MCR Proximity Readers	5				
MCR-30-H	MCR-30-H Proximity Reader Designed to be mounted to metal door and window frames (mullion). Supports certain Indala® ASP Advantage Series Proximity formats, certain HID® 125-kHz proximity protocol, and Pyramid series 125-kHz proximity protocol.	PDF			
MCR-50-H	MCR-50-H Proximity Reader Designed to be mounted to a standard North American single-gang wall switch box. Supports certain Indala® ASP Advantage Series Proximity formats, certain HID® 125-kHz proximity protocol, and Pyramid series 125-kHz proximity protocol.	PDF			
MCR-64-H	MCR-64-H Proximity Reader Designed to be mounted directly to standard North American single- gang wall switch box, and integrates both a proximity reader and keypad into a single unit. Supports certain Indala® ASP Advantage Series Proximity formats, certain HID® 125-kHz proximity protocol, and Pyramid series 125-kHz proximity protocol.	PDF			



READERS (continued)

Model	Name/Description	Download Datasheet
EM Proximity Reader	'S	
ЕМ-30-Н	EM-30-H Proximity Reader Designed to be mounted to metal door and window frames (mullion). Supports certain EM proximity formats, certain HID® 125-kHz proximity protocols, and certain native Pyramid proximity protocols.	PDF
EM-50-H	EM-50-H Proximity Reader Designed to be mounted to a standard North American single-gang wall switch box. Supports certain EM proximity formats, certain HID® 125-kHz proximity protocols, and certain native Pyramid proximity protocols.	PDF
EM-64-H	EM-64-H Proximity Reader Designed to be mounted to a standard North American single-gang wall switch box, and integrates both a proximity reader and keypad into a single unit. Supports certain EM proximity formats, certain HID® 125-kHz proximity protocols, and certain native Pyramid proximity protocols.	PDF
Guardian™ 125-kHz	Proximity Vandal-Resistant Readers	
Р-403-НА	P-403 Guardian Proximity Reader Vandal-resistant reader designed to mount to a metal door and window frame.	PDF
P-405-HA	P-405 Guardian Proximity Reader Vandal-resistant reader designed to mount to a standard North American single-gang wall switch box.	PDF
Р-410-НА	P-410 Guardian Proximity Reader Vandal-resistant reader designed to mount to a standard North American double-gang wall switch box.	PDF
Guardian™ 13.56-M	Hz Contactless Smartcard Vandal-Resistant Readers	
D-403-HA	D-403 Guardian Contactless Smartcard Reader Vandal-resistant reader designed to mount to a metal door and window frame.	PDF
D-405-HA	D-405 Guardian Contactless Smartcard Reader Vandal-resistant reader designed to mount to a standard North American single-gang wall switch box.	PDF
D-410-HA	D-410 Guardian Contactless Smartcard Reader Vandal-resistant reader designed to mount to a standard North American double-gang wall switch box.	PDF
Gibraltar™ 125-kHz	Bullet-Resistant Readers	
Р-453-НА	P-453 Gibraltar Proximity Reader Bullet-resistant reader designed to be mounted to mullion, door or window frames.	PDF

P-455-HA



P-455 Gibraltar Proximity Reader

Bullet-resistant reader designed to mount to standard North American single-gang wall switch boxes.





READERS (continued)

Model	Name/Description	Download Datasheet			
Delta® 13.56-MHz Contactless Smartcard Readers – Now with MIFARE® DESFire® EV1 Support					
Delta3	Delta3 Contactless Smartcard Reader Compact design that may be mounted to metal door or window frames, and other flat surfaces.	PDF			
Delta5	Delta5 Contactless Smartcard Reader A thin-profile reader that may be mounted to a standard North American single-gang wall switch box, and other flat surfaces.	PDF			
Delta5.3	Delta5.3 Contactless Smartcard Reader Distinctive contemporary-styled reader mounts to a standard European- sized (60 mm) wall switch box, and other flat surfaces.	PDF			
Delta6.4	Delta6.4 Contactless Smartcard Reader Designed to be mounted directly to a standard North American single- gang wall switch box, and integrates both a contactless smartcard reader (13.56-MHz) and a keypad into a single unit.	PDF			

RECEIVERS

Model Model	Name/Description	Download Datasheet			
Ranger® 433-MHz Long-Range Receivers					
WRR-22	WRR-22 Long-Range Receiver Designed to output Transmitter data from buttons 1 and 2 over two separate Wiegand outputs and install similar to a <i>Pyramid Series</i> Proximity® reader, making for easy integration with most access control systems.	PDF			
WRR-44	WRR-44 Long-Range Receiver Designed to output Transmitter data from buttons 1, 2, 3 and 4 over four separate Wiegand outputs and install similar to a <i>Pyramid Series</i> Proximity® reader, making for easy integration with most access control systems.	PDF			



CREDENTIALS SELECTION CHART

							,	Warranty	
Madal	Francisco	Poord Poorce	AES DESFire EV1	MAXSecure [™]	ValidID™	Wingons	Magnetic Stripe	LIFETIME	ONE YEAR
Model Pyramid Series F	Proximity® Credentia	Read Range	DESFIRE EVI	MAXSecure	validiD····	Wiegand	wagnetic Stripe	Lifetime	One Year
- yıanılu Series i	Toximity Credentia	313							
PSC-1	125 kHz	up to 8 inches (203 mm)		•		•		•	
PSM-2P	125 kHz	up to 6.5 inches (165 mm)		•		•			•
PSM-2S	125 kHz	up to 6.5 inches (165 mm)		•		•	•		•
PSI-4	125 kHz	up to 6.5 inches (165 mm)		•		•		•	
PSK-3	125 kHz	up to 4.5 inches (114 mm)		•		•		•	
PDT-1	125 kHz	up to 6.5 inches (165 mm)		•		•		•	
Delta® Contactle	ss Smartcards and	Credentials							
DC1-1	13.56 MHz	up to 3 inches (76 mm)		•	•	•		•	
DC4-1	13.56 MHz	up to 3 inches (76 mm)		•	•	•		•	
DM1-3	13.56 MHz	up to 2.75 inches (70 mm)		•	•	•			•
DM4-3	13.56 MHz	up to 2.75 inches (70 mm)		•	•	•			•
DM1-3S	13.56 MHz	up to 2.75 inches (70 mm)		•	•	•	•		•
DM4-3S	13.56 MHz	up to 2.75 inches (70 mm)		•	•	•	•		•
DE2	13.56 MHz	up to 2.5 inches (64 mm)	•	•	•	•			•
DK1-3	13.56 MHz	up to 0.75 inches (19 mm)		•	•	•		•	
DK4-3	13.56 MHz	up to 0.75 inches (19 mm)		•	•	•		•	
Ranger® Long-Ra	ange Transmitters								
WRT-2+	433 MHz	up to 200 feet (61 m)							
##NI-2+	125 kHz or 13.56 MHz	up to 2inches (51 mm)	•						
WRT-4+	433 MHz	up to 200 feet (61 m)							
44V.1-4+	125 kHz or 13.56 MHz	up to 2inches (51 mm)	•		·				



CREDENTIALS

Model	Name/Description	Download Datasheet		
Pyramid Series Proximity® 125-kHz Credentials				
PSC-1	PSC-1 Standard Light Proximity Card Clamshell-style proximity card backed by a lifetime warranty.	PDF		
PSM-2P	PSM-2P Multi-Technology Proximity Card ISO-style, multi-technology style proximity card appropriate for dye sublimation imaging.	PDF		
PSM-2S	PSM-2S Multi-Technology Proximity Card ISO-style, multi-technology style proximity card, with a magnetic stripe, appropriate for dye sublimation imaging.	PDF		
PSI-4	PSI-4 Image Technology Proximity Card Thicker-format (0.046 inches (1.17 mm)) proximity card appropriate for dye sublimation imaging.	PDF		
PSK-3	PSK-3 Proximity Key Ring Tag Small proximity tag designed to be carried on a key ring, includes a re-enforcing brass eyelet, and is backed by a lifetime warranty.	PDF		
PDT-1	PDT-1 Proximity Disc Tag Designed to be attached to other credentials in environments where multiple readers are present.	PDF		
elta® 13.56-MHz Co	ntactless Smartcards & Credentials			
DC1-1	DC1-1 Delta Clamshell Contactless Smartcard MIFARE®-compliant, clamshell-style contactless smartcard card with a 1K-byte memory. Constructed of durable ABS, it is backed by a lifetime warranty.	PDF		
DC4-1	DC4-1 Delta Clamshell Contactless Smartcard MIFARE®-compliant, clamshell-style contactless smartcard card with a 4K-byte memory. Constructed of durable ABS, it is backed by a lifetime warranty.	PDF		
DM1-3	DM1-3 Delta ISO Contactless Smartcard MIFARE®-compliant, contactless smartcard card with a 1K-byte memory. Manufactured from glossy PVC, it is appropriate for dye sublimation imaging (ISO style).	PDF		
DM4-3	DM4-3 Delta ISO Contactless Smartcard MIFARE®-compliant, contactless smartcard card with a 4K-byte memory. Manufactured from glossy PVC, it is appropriate for dye sublimation imaging (ISO style).	PDF		
DM1-3S	DM1-3S Delta ISO Contactless Smartcard MIFARE®-compliant, contactless smartcard card with a 1K-byte memory and magnetic stripe. Manufactured from glossy PVC, it is appropriate for dye sublimation imaging (ISO style).	PDF		

CREDENTIALS (continued)

Model		Name/Description	Download Datasheet
DM4-3S		DM4-3S Delta ISO Contactless Smartcard MIFARE®-compliant, contactless smartcard card with a 4K-byte memory and magnetic stripe. Manufactured from glossy PVC, it is appropriate for dye sublimation imaging (ISO style).	PDF
DE2		DE2 Delta MIFARE® DESFire® EV1 Smartcard MIFARE®-compliant, contactless smartcard card with 2K EEPROM with fast programming. Manufactured from composite PET plastic, it is appropriate for dye sublimation imaging (ISO style).	PDF
DK1-3	0	DK1-3 Delta Keyfob Contactless Smartcard Credential MIFARE®-compliant key tag-style contactless smartcard credential with a 1K-byte memory. It is designed to be carried on a key ring, and includes a brass reinforcing eyelet.	PDF
DK4-3	0	DK4-3 Delta Keyfob Contactless Smartcard Credential MIFARE®-compliant key tag-style contactless smartcard credential with a 4K-byte memory. It is designed to be carried on a key ring, and includes a brass reinforcing eyelet.	PDF

TRANSMITTERS

Model	Name/Description	Download Datasheet
Ranger® 433-MHz Lon	g-Range Transmitters	
WRT-2+	WRT-2+ Two-Button Long-Range Transmitter 2-button clicker-type access credential, featuring both long-range (upon button push) and proximity operation.	PDF
WRT-2+B	2-button, no insert	
WRT-2+	2-button, with proximity insert	
WRT-2+H	2-button, with proximity insert	
WRT-2+A	2-button, with proximity insert	
WRT-2+S1	2-button, with 1K insert	
WRT-2+S4	2-button, with 4K insert	
WRT-4+	WRT-4+ Four-Button Long-Range Transmitter 4-button clicker-type access credential, featuring both long-range (upon button push) and proximity operation.	PDF
WRT-4+B	4-button, no insert	
WRT-4+	4-button, with proximity insert	
WRT-4+H	4-button, with proximity insert	
WRT-4+A	4-button, with proximity insert	
WRT-4+S1	4-button, with 1K insert	
WRT-4+S4	4-button, with 4K insert	



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