LR SERIES

Mid-Range Reader

KR1000E

Long Range Readers
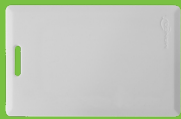
ZLR-UHF-12

FLR-UHF-30   FLR-UHF-60

Mid-Range Credentials

Prox Card Thick   Prox-Key Fob
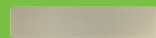
Long Range Credentials

ZLR-Card

ZLR-Plate

RFID Parking Gate System
ZLR-Tag2

ZLR-Tag1

ZLR-Tag3   ZLR-Band

FLR-2B-Fob   FLR-4B-Fob

Long-range credentials & readers from ZKTeco USA are ideal for applications requiring convenient hands-free authentication.

Restrict Vehicular Access to Parking Facilities and HOA's

Secure the entrance to parking facilities and homeowner associations with motorized gates controlled by ZKTeco long-range readers. In addition to providing added security, property managers can save money by no longer needing to employ security attendants to operate the gate. Tenants and guests will enjoy the convenience of no longer needing to roll down their window to key in a gate opening code, especially during harsh weather.

Restrict Vehicular Access to Private Luxury Homes

Secure the entrances to luxury homes with motorized gates controlled by ZKTeco long range readers. In addition to providing added security, homeowners will also enjoy the convenience of no longer needing to roll down their window to key in a gate opening code, especially during harsh weather.

Personnel Auditing and Logging

Property managers can easily track precisely when personnel enter and leave their premise by connecting ZKTeco long-range readers to a 3rd party time tracking system. This can help ensure 3rd party contractors cannot claim unearned work hours.

Long-Range Reader Product Specifications

	KR1000E	ZLR-UHF-12	FLR-UHF-30	FLR-UHF-60
Supported Credentials	Only ZKTeco RFID cards & fobs	Only ZKTeco RFID cards & stickers	Only ZKTeco Push-button transmitters	Only ZKTeco Push-button transmitters
Technology	RFID	RFID	RFID	RFID
Frequency	125 KHz	900 MHz	433 MHz	433 MHz
Range	Up to 2 feet	Up to 40 feet	Up to 100 feet	Up to 200 feet
Transmission	Passive	Passive	Trigger read, only	Trigger read, only
Color	Black	White	White with black face plate	White with black face plate
Communication Interface	Default 26-bit Wiegand Out (34-bit user programmable)	Default 26-bit Wiegand Out (34-bit user programmable)	Default 26-bit Wiegand Out (Different bit-format can be custom-ordered)	Default 26-bit Wiegand Out (Different bit-format can be custom-ordered)
Power Supply	12V DC	12V DC	12V DC	12V DC
Current	Max 300 mA	<3W	80 mA	120 mA
IP-rating	65	66	67	67
Operating Temperature	–4° F to 131° F	–4° F to 140° F	–40° F to 149° F	–40° F to 149° F
Dimensions (H×W×D)	9.3 x 9.4 x 1.4 inches	17.5 x 17.5 x 2.8 inches	3.3 × 3.3 × 1.9 inches	6.3 × 3.4 × 2.3 inches
Certifications	FCC, CE, RoHS	FCC, CE, RoHS	FCC, CE, ICC, UL	FCC, CE, ICC, UL

Credential & Reader Compatibility

Model	Compatibility	Application	Dimensions
Prox Card	Only KR1000E and all EM 125 kHz reader	Card can be carried in wallet/purse	3.3 x 2.1 x .03 inches (85 x 54x 0.8 mm)
Prox-Key Fob	Only KR1000E and all EM 125 kHz reader	Fob can be clipped on to key-ring.	.88 x 1.25 inch oval (22 x 31.8 mm)
ZLR-Card	Only ZLR-UHF-12	Card can be carried in wallet/purse	3.3 x 2.1 x .03 inches (85 x 54x 0.8 mm)
ZLR-DFID Card	Only ZLR-UHF-12	Card can be carried in wallet/purse	3.3 x 2.1 x .03 inches (85 x 54x 0.8 mm)
ZLR-DFM Card	Only ZLR-UHF-12	Card can be carried in wallet/purse	3.3 x 2.1 x .03 inches (85 x 54x 0.8 mm)
ZLR-Tag1	Only ZLR-UHF-12	Sticker adhered to any solid surface not prone to getting peeled off (i.e. construction hat, cell phone, etc.)	2.8 x .6 inches (72 x 16 mm)
ZLR-Tag2	Only ZLR-UHF-12	Sticker adhered to vehicle windshield.	3.8 x .9 inches (96.5 x 23.2mm)
ZLR-Tag3	Only ZLR-UHF-12	Washable Sticker adhered to clothes	3.8 x .9 inches (96.5 x 23.2 mm)
ZLR-Plate	Only ZLR-UHF-12	Plate should be screwed on to vehicle front license plate	9.8 x .54 x .25 inches (249 x 13.8 x 6 mm)
ZLR-Band	Only ZLR-UHF-12	Black-colored wrist-band	
FLR-2B-Fob	OnlyFLR-UHF30 or FLR-UHF-60	Transmitter can be clipped on to key-ring	1.45 × 2.5 × 0.56 inches (37 × 63.5 × 14.2 mm)
FLR-2BH-Fob	Additionally supports HID prox readers.	Transmitter can be clipped on to key-ring	1.45 × 2.5 × 0.56 inches (37 × 63.5 × 14.2 mm)
FLR-4B-Fob	Only FLR-UHF30 or FLR-UHF-60	Transmitter can be clipped on to key-ring	1.45 × 2.5 × 0.56 inches (37 × 63.5 × 14.2 mm)
FLR-4BH-Fob	Additionally supports HID prox readers.	Transmitter can be clipped on to key-ring	1.45 × 2.5 × 0.56 inches (37 × 63.5 × 14.2 mm)

ZKTeco USA