

Long Distance Wiegand Reader



The UHF RFID reader is an RFID long-range proximity card reader which can simultaneously read multiple passive UHF tags at ranges up to 12m.

The reader is waterproof and is suitable for use in a wide range of RFID applications, such as transport management, vehicle management, car parking, production process control, and access control.

Features

- Read range up to 12 meters (adjustable)
- Read Sensitivity: Dual polarization read mode
- Wiegand 26-Bit (Can change to 34-Bit via software)
- Two working mode: Trigger read & Always read
- Comes with the mounting plate and RS-232 cable
- Weatherproof (IP68)
- Maximum Cable Distance: 100m

Specifications

Model	UHF1-6	UHF1-12
Dimension	306*306*75(mm)	450*450*83.5(mm)
Reading distance	Up to 6 meters (adjustable)	Up to 12 meters (adjustable)
communication interface	Serial:RS-232Console, Wiegand 26(Default) /Wiegand 34	
Frequency	902Mhz – 928Mhz, 865MHz – 868MHz	
Shell Material	Die-casting aluminum shell, Antenna panel with engineering plastics	
Working Voltage	9~16V DC	
Working Temperature	-20 °C - 55 °C	
Interface Protocol	EPC global UHF Class 1Gen 2/ISO 18000-6c	
Multiple tags identification	>50	
Multiple tags identification speed	>50 Per second	
Working mode	Always read/Trigger read	
I/O Interface	Supports external trigger	
Maximum power consumption	<3W (RF output 26dBm,multiple tags), <2W (RF output 26dBm,Single tags)	

Part Numbers

No.	Material code	Name	Description
1	A34020095	UHF1-6	6 meters Wiegand reader
2	A34020096	UHF1-12	12 meters Wiegand reader
3	A34020097	UR10	USB card issuer(107mm×107mm×23mm)
4	A16060063	UHF1-Tag1	915MHZ Card(thickness:0.8mm)
5	A34010665	UHF1-Tag2	915MHZ Tag(16mm×72mm,stick-on adjective)



ZKTeco Inc.
E-mail: sales@zkteco.com
www.zkteco.com

© Copyright 2015 ZKTeco Inc. ZKTeco Logo is a registered trademark of ZKTeco or a related company. All other product and company names mentioned are used for identification purposes only and may be the trademarks of their respective owners. All specifications are subject to change without notice. All rights reserved.