

UHF RFID Standalone Terminal Launching Guidance

Email : Echo.wang@zkteco.com

利剑出鞘 //
// 谁与争锋

Catalogue

What is UHF RFID Standalone Terminal ?

Why we sell this product ?

Order Note



1

What is UHF RFID Standalone ?

The U1000 series is a middle distance UHF RFID standalone terminal with 0-6 meters reading distance and 0-4 meters stable reading distance.

The U2000 series is a long distance UHF RFID standalone terminal with 0-12 meters reading distance and 0-10 meters stable reading distance.



U1000 series



U2000 series

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Parameter

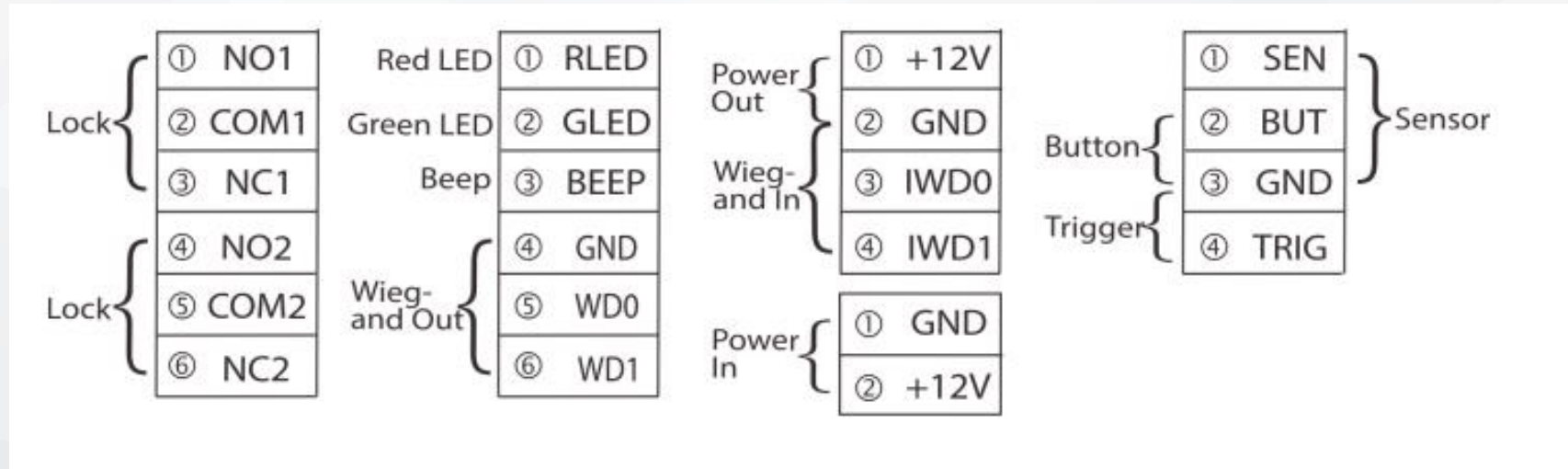
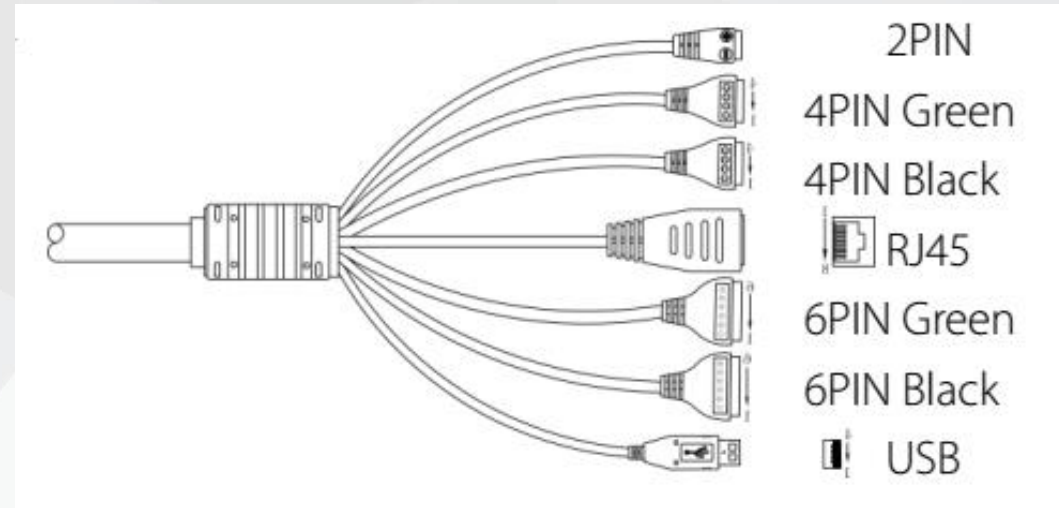
Model	U1000E,U1000F	U2000E,U2000F
Card Capacity	5000	
Log Capacity	30,000	
Hardware Platform	ZMM220	
Reading Distance	0-6m (Stable is 0-4m)	0-12m (Stable is 0-10m)
Communication	TCP/IP ,USB (Connect to Configuration Demo)	
Access Control Interface	Wiegand In/Out ,3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, External Trigger	
Standard Access Control Function	Anti-passback, Group	
Working Frequency	F Series:902MHz-928MHz; E Series:865MHz-868MHz	
Antenna Gain	8dBi	12dBi
Output Power	18dBm-26dBm	
Maximum Power Consumption	<2W	
Protection Level	IP66	
Supporting Software	ZKAccess3.5,ZKBioSecurity3.0	
Working Voltage	DC 9V-12V	
Working Current	150mA (Always reading)	
Working Temperature	-20°C--+60°C	
Working Humidity	<95% (25°C)	
Dimension	250mm*250mm*70mm(±5)	445mm*445mm*70mm(±5)

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Connectors



Terminals



2 relay output, wiegand out, wiegand in, door magnetic, door exit trigger (One relay is for lock , two relay is for alarm)

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Applications



Long distance fixed vehicle access management



Long distance access control management



Long distance single channel personnel access management



Long distance RFID management

01

Loog distance fixed vehicle access management

Method 1

No need to contact and swipe card

---Middle distance fixed vehicle access management



Use:

U1000 series machine,
UHF1 Tag1 / DF01 Card/DF02 Card,
Parking lot barrier,
Retractable fixed column

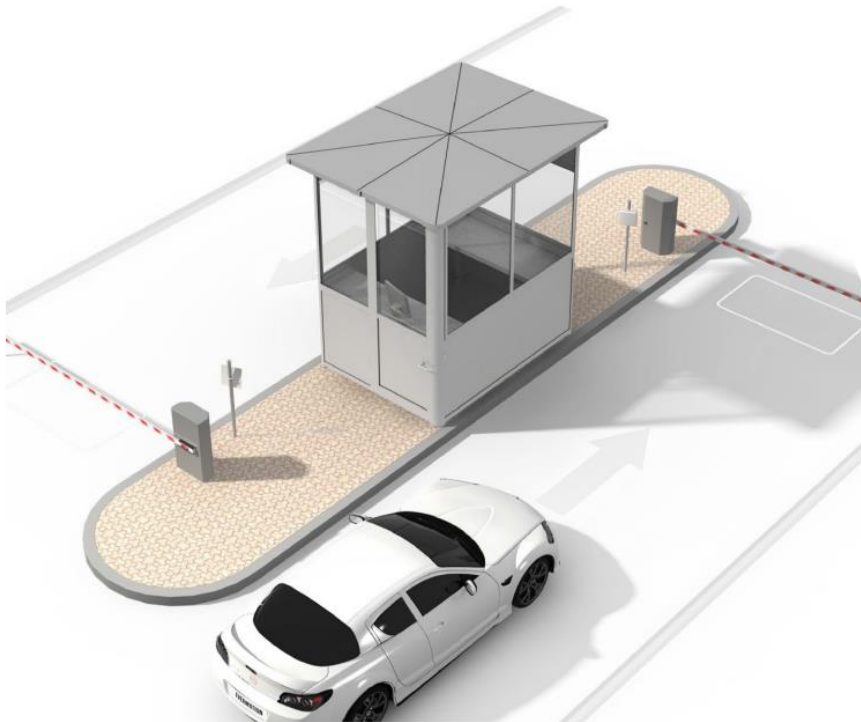
01

Long distance fixed vehicle access management

Method 2

No need to stop and swipe card

---long distance fixed vehicle access management



Use:

U2000 series machine ,
UHF1-Tag1(With card deck)
/UHF1-Tag3,
Parking lot barrier,
Retractable fixed column

01

Loog distance fixed vehicle access management

Method 3

Private garage car access management



Use:
U2000 series machine ,
UHF1-Tag1 (With card deck)
/UHF1-Tag3,
Electric automatic door

02

Long distance access control management



Use:
U1000 series machine ,
UHF1-Tag1/DF01 Card/DF02 Card,
Electric lock,
Door switch

03

Long distance single channel personnel access management ---construction personnel access mangement

Method 1

Hanging Installation



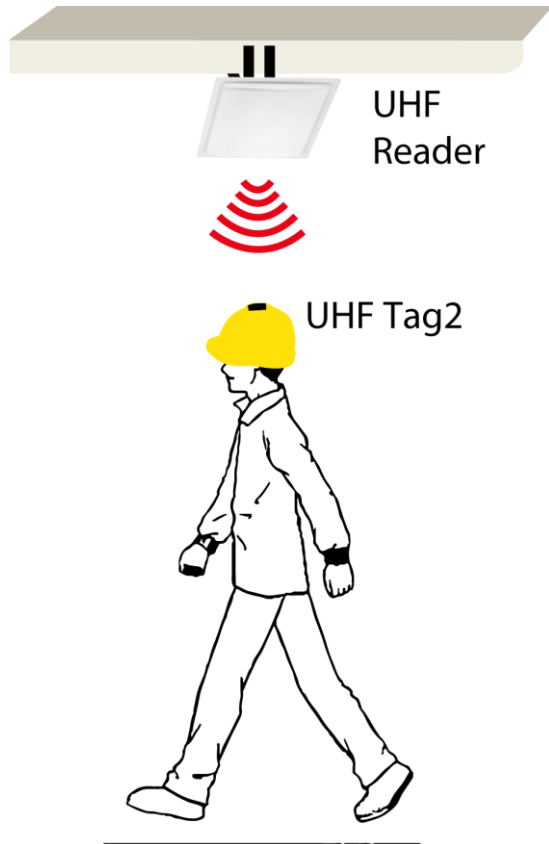
Use:

U1000 series machine ,
UHF1-Tag2 (stick on safety helmet) ,
Pedestrian access barrier

Long distance single channel personnel in and out management -construction personnel in and out management

Method 2

Ceiling Installation



Use:

U1000 series machine ,

UHF1-Tag2 (stick on safety helmet) ,

Pedestrian access barrier

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Why we sell this product ? ---Product advantages

Position: Different from UHF RFID reader

UHF RFID standalone terminal is the middle and high end access control machine which integrates middle and long distance identification and verification control

Product Iteration: From useful to easy to use

UHF RFID standalone terminal eliminates the purchase of additional controller and connecting controller parts, installation and use is easier and more convenient

Systematic Product: Form a closed loop

UHF RFID standalone terminal can support ZKAccess3.5 and ZKBioSecurity3.0 software





Note:

Support ZKAccess3.5, and use Pull Protocol ; Support ZKBioSecurity3.0, and use access control Push Protocol

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Why we sell this product ?

---Competitive Product Analysis

Company Name	ZKTeco	ZKTeco	Invengo	Soonke
Product	UHF Reader	UHF Integrated Machine	UHF Fixed Reader	UHF Reader
Appearance				
Parameters	USB,Wiegand Out, Trigger	USB,Wiegand Out, Trigger, TCP/IP,Wiegand In,Lock, Door Sensor,Exit Button, Alarm,	RS-232/RS485, TCP/IP, Wiegand Out	USB,RS-232/485, TCP/IP,Wiegand Out, WiFi
System Solutions	Cannot connect to the software directly	ZKAccess3.5, ZKBioSecurity3.0	No access control system software	No access control system software

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Why we sell this product ?---Market Annalysis

Differentiation: Solve product homogenization problem

At present, UHF products in overseas markets are mainly the UHF reader with no verification control function. There is no UHF standalone system in overseas

Upgrade: Improve the long-distance RFID identification product line

UHF reader to UHF standalone terminal , realizing product iteration, positioning the middle and high end distance RFID access control machine market

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Attention

U1000E

U1000F

U2000F

U2000E

According to UHF restrictions of the customer region and the actual application environment of the product to promote the corresponding product model.

Black color, ZKTeco logo is standard, white color and blank logo is optional

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Attention

HD picture - NAS download

Product catalogue -- Official website download

Installation guide -- paper version, as a package to ship with the box

User manual -- Official website download

Listing guide - NAS download

THANK YOU

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