

UHF RFID Standalone Terminal



U1000



U2000

U1000 and U2000 are long distance RFID access control machines which integrate functions of UHF readers and controllers. Compared with UHF readers, they increase access control functions and support TCP/IP communication, Wiegand in/out, two relays, 3rd party electric lock, door sensor, exit button, which enable easy installation and convenient use.

The machines also support ZKAccess 3.5 and ZKBioSecurity 3.0 software. They have obtained IP66 protection level certification and is suitable for outdoor use. With outstanding long distance identification capability, the machines can be used in many applications including long distance fixed vehicle access management, long distance access control management and long distance pedestrian access management.

Features



Long Reading
Distance



IP66 Protect Level



Supports ZKAccess3.5 &
ZKBioSecurity3.0 software



Access Control
Function

Applications



Long distance fixed
vehicle management



Long distance access
control management



Long distance pedestrian
access management

Specifications

Model	U1000E, U1000F	U2000E, U2000F
Card Capacity	5000 cards	
Transactions	30,000	
Hardware Platform	ZMM220	
Working Frequency	F Series: 902Mhz-928MHz; E Series: 865MHz-868MHz	
Reading Distance	0 - 6m (Stable is 0 - 5m)	0 - 12m (Stable is 0 - 10m)
Communication	TCP/IP (connect access software) , USB (connect demo)	
Access Control Interface	3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Wiegand In/Out	
Access Control Functions	Standard access functions, anti-passback	
Antenna Gain	8dBi	12dBi
Output Power	18dBm-26dBm	
Support Software	ZKAccess3.5, ZKBioSecurity3.0	
Power Supply	DC12V, 3A	
Working Temperature	-20°C~+60°C	
Working Humidity	<95% (25°C)	
Dimension	250mm*250mm*70mm (±5)	445mm*445mm*70mm (±5)

Accessory Products



PB Series Automatic Barrier



Wiegand Reader



Exit Button



Electric Lock



Alarm

Configuration

