Product Description

Wiegand26 Output Long Range Distance 12dbi Linear Polarization Antenna Vehicle Access Control Fixed UHF RFID Reader

This device is a UHF RFID integrated reader.
It is designed based on independent intellectual property rights and appearance patent.
It features integrated RF reader antenna, small in size, light in weight, IP65, industrial control joint easy to deploy.
Tag buffer size up to 800pcs /96 bits EPC.
It performs excellent UHF R/W function, adapt to global working frequency.
It supply with multi-language SDK(C#, C++, Delphi, VB, Java,Python), easy for secondary

development integration.
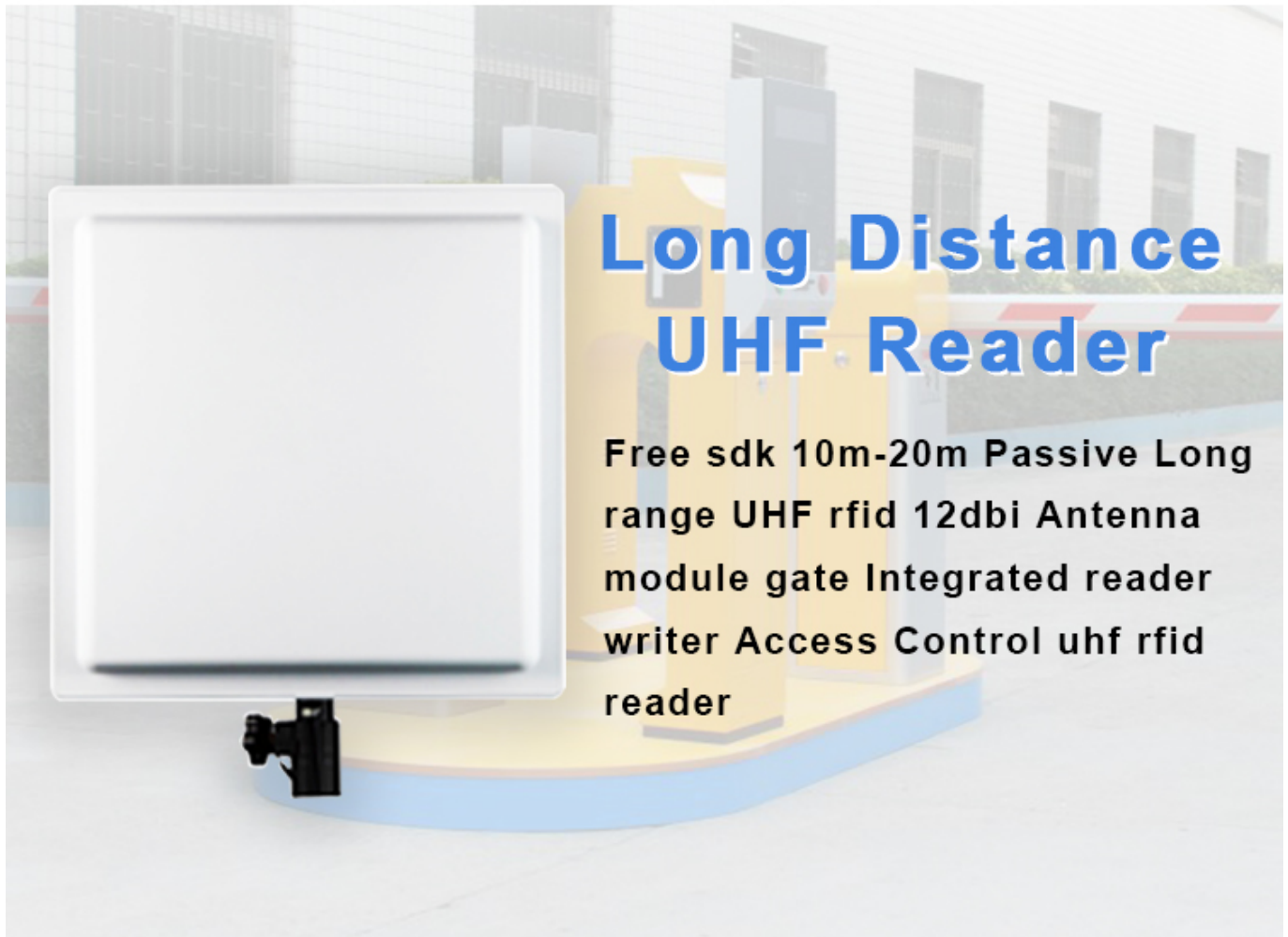Support ARDUINO, ARM, Linux, Windows, Android, Raspbian development platform.

Model#	ACM819A
Physical Parameter	
Dimension	445(L) x 445(W) x 70(H) mm (Exclude bracket and external wires)
Weight	4.5kg (include package)
Shell material	ABS+PC
Antenna front housing color	Gray
Antenna rear housing	Die-casting aluminium alloy
Installation method	Holding pole
UHF RFID Performance Parameter	
Radio frequency	ACM independent R&D technology
Frequency	865-868MHz/902-928MHz
Protocol	EPC C1 GEN2 /ISO18000-6C
Built-in antenna	12dBi line polarization
Power	30dBm (adjustable by 1dBm step with CPH demo software)
R/W range	Read range 15m, write range >9m (test tag: AZ9662Inlay)
Group read rate	1~10pcs EPC tag
Working areas	US, Canada and other regions following U.S. FCC Part 15 regulation Europe and other regions following ETSI EN 302 208 regulations Mainland China,Japan,Korea,Malaysia,Taiwan
Electric Parameter	
Communication interface	Standard: RS232, RS485, Wiegand, USB Optional: RJ45(TCP/IP,WIFI,BT), 4G
Serial rate	9600~115200bps
RJ45 rate	10Mbps
GPIO(for your optional)	1 relay output, 1 trigger input
Reading Indicator	Buzzer
Power consumption	~1W
Power supply	220V AC input, +9-25V/2A adaptor DC output
Application Software	API development kit and application routine based on Windows
SDK	C#, C++,Delphi, VB, Java,Python
Operating Environment	
Operating Temperature	-10℃~+55℃
Storage Temperature	-20℃~+75℃
Humidity	20%~95% RH, non condensing
Lighting protection	DC ground
Protection Level	IEC IP65

Application:

- Personnel and Vehicle access control
- Manufacturing production line management

- Warehouse logistic management
- Assets inventory management

Detailed Images

Wiring Diagram of RFID UHF reader and writer

Power	GND	485+	485-	WG D0	WG D1	Trigger T+	Trigger T-	RXD	TXD	Ground
RED	BLACK	BROWN	ORANGE	YELLOW	GREY	ROSE RED	BLACK	PURPLE	white	black

Quality Warranty

- Warranty Service will be honored if the damage is not caused by human, ACM Goldbridge provides 2 years warranty for relative products.
- On the contrary, ACM Goldbridge will cahrge extra if repair.
- More information, please browse our service center.

Click here to order and have your FREE SAMPLE in 3 days!!!

We are professional comprehensive security access control products supplier with 20 years experience, we make sure to offer the best solution of access control system solution! So, send your inquiry details in the below, click "Send" now!

We are looking forward to forming successful business relationships with new clients around the world in the future.

Detailed Images

Product Advantages

Wholesale UHF RFID Antenna gate access systems 860-960Mhz uhf long range integrated rfid reader

1. Wake up tags:the tag which only be waked up can communicate with reader, prevent the disturbing from other tags, ensure
the correct information between reader and system's tag.
2. Read data:it can get the ID number of tag, and also get the data which in the specify area, multi tags
reading will be available.
3. Write data: can write data in specify tag's storage area.
4. Can connect with the device which has W26 and W34 interface, no need to develop.
5. Communicate with controller or PC, that can get the data; provide SDK development kit, user can develop it.

Application

Application of RFID UHF reader and writer

Wholesale UHF RFID Antenna gate access systems 860-960Mhz uhf card handheld active long range desktop usb integrated rfid reader

1, Transportation management
2, Vehicle management
3, Road and bridge toll
4, Custom management
5, Warehouse management
6, Car parking management
7, Access control management
8, Production management

Vehicle access control system

Personal ID access control

Hand free applications

Asset management

Application

UHF CARD

+

EPC_Demo

Work Mode | Reader Parameter

Port Setting

Port: COM1

Baud Rate 9600

Connect | DisConnect

Refresh Data

Parameter Setting

Function Display

Clear Record

Workmode Select

○ M-S ◉ Timer ○ Triggering

Adjacent discrimination

☐ ID Adjacent discriminatio

Time 10 *1S

Timer Parameter

Time Intervals 15 *10ms

Triggering Parameter

Triggering: HIGH electri

Automatically shutdown 10 S

Defa-Para Read-Para Set-Para

Port Setting

Connect Port: RS485

RS-232 Parameter

Baud Rate: 9600bps

RS-485 Parameter

Baud Rate: 9600bps

Wiegand Parameter

Wiegand Mode: Wiegand26

Pulse Width: 8 *10us

Pulse Cycle: 12 *100us

User Code

User Code: 0

Operation Record:

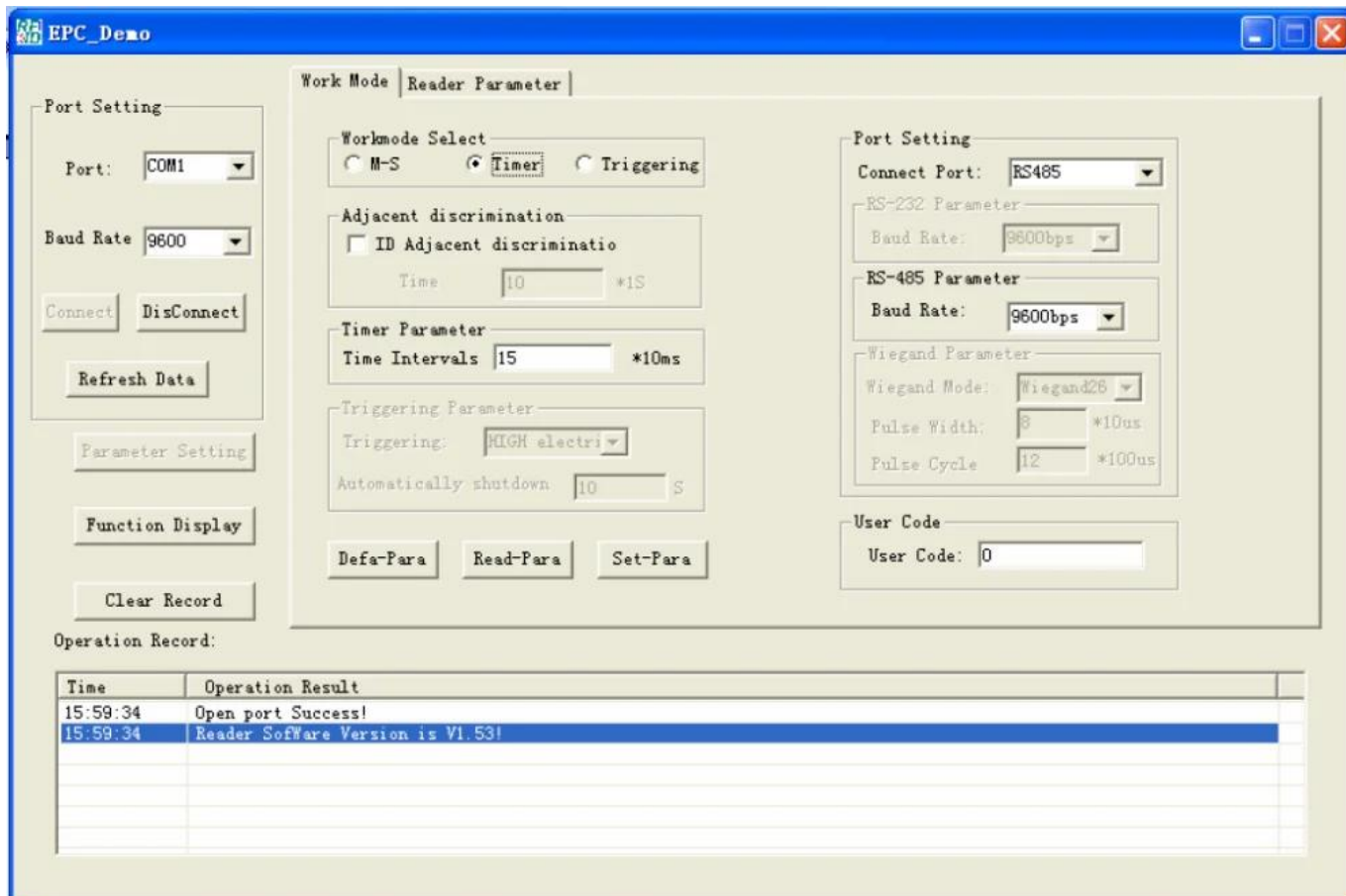| Time	Operation Result
15:59:34	Open port Success!
15:59:34	Reader SofWare Version is V1.53!

Packing & Delivery

Packaging
UHF reader packaging: 1unit per box, 10pcs per carton,
Single size : 32*32*6cm , Gross Weight :5kg.

Our Standard Packing

Single Demension : 320*320*60MM

Single Carton for each reader

6 pcs each lot with foam and yellow sticky tape fully wrap .

EXW

FCA FOB

CIF CFR

Shipping Way

We are one of the leading exporter of RFID products in China since 2000 years . With rich international trade experience we know the international shipping very well , We know which express or air/sea line is cheap and safe to your country . We can supply various certificate for you to clean your custom to such as CO , FTA , Form F , Form E ...Ect . We wil provide our

professional suggestion for your shipping . EXW , FOB , FCT , CIF , CFR ...trade term are ok for us . We can be your reliable partner for products and shipping .

Our Service

1, Any inquires will be replied within 24 hours
2, Professional manufacturer and supplier, Welcome to visit our website and our factory
3, OEM/ODM Available
4, High quality, fashin desing, reasonable & competitive price, fast lead time
5, After-sale Service :
1), All products will have been strictly quality checked in house before packing
2), All products will be well packed before shipping
3), All our products have 2-3 year warranty if the damage is not caused by human
6, Faster delivery : Around 1~ 5 days for sample order, 7~30 days for bulk order
7, Payment : You can pay for the order via : T/T, Western Union, Paypal

FAQ

Q: 1. How can I place an order?
A: Please list your requirement to us via Email. Then we will send the offer to you at earliest time,after order confirmation, we will arrange production ASAP.

Q: 2.What about the payment and shipment?
A: T/T ,Paypal, Western Union.
     Clients can choose by sea, air or express(DHL, FedEx, TNT UPS etc.)

Q: 3. How can i get a sample to check your quality?
A:We could provide free sample to you, and the freight cost payed by you.

Q:4. How long can I expect to get the samples?
A: It depends on the quantity. Normally 3-7 days for 5000pcs and 7-15 days for 100,000pcs

Q:5. Can your products be customized?
A: Almost all of your products are customized ,including the materia, size, thickness and printing. OEM orders are highly welcome.

Q:6.Are you a trading company or factory?
We are the one of the biggest manufacturer of RFID cards/NFC tags/RFID keybod /RFID wristband，rfid reader and access control products in China more than 20 years

20+ YEARS EXPERIENCE

OEM & ODM

ACCESS CONTROL SYSTEMS ONE STOP SOLUTION PROVIDER

Goldbridge is Top 10 China Manufacture On Alibaba,
Specializes In Provide Kinds Of RFID/NFC Cards, FID Tags, RFID Card Reader,
UHF Reader, Access Control System, Electromagnetic Locks, etc Since 1999

Customized Services **Qually Assurance** **Fast Delivery** **Best After-Sales Service**

ADVANTAGE

WHY CHOOSE US?

1 **FAST DELIVERY** Faster delivery by air by express. (DHL,UPS or Fedex)

2 **LONG HISTORY** 20 years experience in RFID & Access Control industry

3 **OEM ACCEPTABLE** 20 years OEM&ODM experience for 1000 + VIP client from US and Europe

4 **HIGH QUALITY** Design and manufacture high quality produtcs with 30 R&D; engineers.

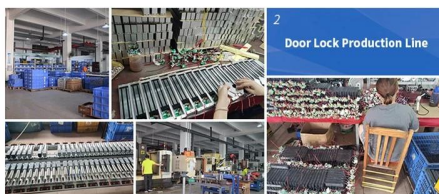深圳市海洋金桥 有限公司
SHENZHEN GOLDBRIDGE IN IAL CO.,LTD

Supplier's Company

OUR FACTORY

- **Access Control and RFID Reader Production Line：**
- Monthly production quantity is up to 50,000pcs , We are Provides OEM&ODM services including product research and development, LOGO printing, customized.etc

- **Electromagnetic lock & Smart Door Lock Production Line :**
- Monthly production quantity is up to 100,000pcs ,
- Our factory is built with modern manufacture environment, facilities, equipment and professional operation technicians.
- Goldbridge Provides OEM&ODM services including product research and development, LOGO printing and product box customized.

- **RFID & NFC Cards & Tags Production Line :**
- RFID Tag, Wristband, Keyfob: 11,000,000pcs (monthly output)
- Four Production Lines For Smart Card, PVC Card, Prelam Sheet: 20,000,000pcs (monthly output)
- Goldbridge Provides OEM&ODM services for LOGO printing, development, customized.

APPLICATION

Bus, supermarket,school, government, hospital, factory

CERTIFICATE

Access Control CE	Access Control Rohs	EM Lock EMC Certificate	EM Lokc ROHS Certificate
RFID Card Reader CE	RFID Card Reader Rohs	UHF Reader CE Certifiate	UHF Reader ROHS