IQRFID-5109

UHF high performance integrated reader



Active mode, trigger mode and answer mode (optional) 30dbm (adjustable)

RF power

Read distance	8~10m (depends on tag)
Interface	RS232/RS485/WG26/TCP/IP (optional)
Power supply	9V
Reader Size	257*257*40mm
Net weight	1.7kg
Package size	310*300*110mm
Package gross weight	2.7kg
Operating Temp	-10~+55 °C
Storage Temp	-20~+75 °C
Detailed image	
Spare parts:1pc reader,1pc power adapter,1pc plug,1pc installation bracket	

Power adapter

Plug

Back side

Comment

+9V

GND

Wiegand DATA0

Wiegand DATA1

RS485 R+

RS485 R-

GND

RS232 RXD

RS232 TXD

Trigger input (TTL level)

02

03

Install bracket

Reader Size:257*257*40mm

Reader dimension:





Item

Red

Black

Yellow

Blue

Brown

White

Green

IQRFID-5106

Purple Orange

Grey Optional interface have TCP/IP

Package: Package size:310*300*110mm Package weight: 2.7kg

01 Communication

Releas V Releas V Set List EPC of Tags No.

Relay

EPC Mask Enabled ☐ Enabled

1

2

3

02 G9201,UHF paper label

Related UHF tag

G9811 **UHF** sports tag G8701

Password[Read/Block Erase] 000000000 (0-120/Word/D): 0000 Write Data (Hex): Read Write Block Write Block Erase Set Protect For Reading Or Writing C Password & EPC C TID C User 00001042190A02440750C82D Lock of Password Lock of EPC TID and User Bank Writeable from any state € Kill Password C Access Password C Writeable from the secure Readable and writeable from any state C Permanently writeab C Readable and writeable from the secured state C Never writeable C Permanently readable and writeable Access Password (8 Hext Never readable and writeable 000000000 "Query Tag" Command Response=0x01(Return before Inventory finished) IQRFID-5106 built-in 7dbi antenna 6~8m reading range reader

100*25mm 74*21mm **UHF** vehicle tag G9303 G9305 **UHF** laundry tag G9505 **UHF** anti-metal tag

User manual Step one: connect the adapter with pow Step two: Connect reader with PC /laptop through Reader Information UHFReader18 Type: Version: 00 COM Port: AUTC -Address: Power: Reader Address: FF 902.6MHz Dmaxfre: Dminxfre: Set Reader Parameter Open Com Port Address(HEX): 00 Baud: 57600bps • 30 Power: Opened COM Port Dmirotre: 902.6 MHz COM3 Dmaxfre: 902.6 MHz Close Com Port Set Work Mode Parameter Wiegand Parameter TCPIP Port: 6000 IP: 192.168.1.192 C Wiegand output LSB first Wiegand output MSB first Reader addr: FF Set Work Mode

RS232 interface or RS232-USB converter, put tag close to the reader Step three:Open demo software, click "open com port" Step four: Click "EPC GEN2 Test", click "Query tag", then the card EPC number will output on the right list. Reader Parameter | EPCC1-G2 Test | 18000-68 Test | Frequency Analysis | TCPIP Config | 03.63 30 902.6MHz Baud: Max InventoryScanTime:: □ Single Freq Set Parameter

▼ ISO18000-68

Get Reader Info

₩ EPCC1-G2 10°100ms

FreqBaud

•

Pulse width:

Work Mode: Answer Mode

Single Tag Filtering Time:

COM3

Len: 00

Write EPC(Random write one tag in the antenna)

000000000

Set Single Tag Read Protection

Set Single Tag Read Protection without EPC

Reset Single Tag Read Protection without EPC

Detect Single Tag Read Protection without EPC Password

00000000

Alasm Setting

00000000

сомз

Query Tag

Kill Tag

(8 Hex):

(8 Hext

EAS Alarm

(8 Hex):

(Word):

(8 Hex):

Set Protect

C Alarm

€ No Alarm

Access Password

Read Interval: 50ms

Query TID Parameter

00001042190A02440750CB2D

00001042190A02440750CB2D

00001042190A02440750CB2D

Lock Block for User (Permanently Lock)

00001042190A02440750CB2D

IQRFID-5109

built-in 9dbi antenna

8~10m reading range reader

IQRFID-5208

Address of Tag Data Dand1

Access Password 00000000

Kill Password 00000000

Write EPC: 0000 [1-15Word]

Access Password

Read Protection

StartAddr. 00

First Word Addr(Hex):

Read Word Num:

User band

C US band

C EU band

Chinese band2

C Korean band

10*10us

SetWGParameter

Set OffsetTime

訊取

Clear

Query Tag

TID.

Kill Tag.

Write EPC

Check Alam

Lock

Get Work Mode parameter

•

Set

Protock

Max InventoryScanTime:

57600bps

10*100ms

Default Parameter

Data output interval: | 30*10ms -Open Net € EPCC1-G2 € ISO18000-68 Close Net ← Wiegand Output First Addr Select C RS232/RS485 Output Word Addr
Word Ad C SYRIS485 C Byte Addr Set Accuracy EAS Accuracy: |8 Set Tiggertime Tigger time: 0 • 18:26:55 "Exit Query" : successfully Reader Parameter EPCC1-G2 Test | 18000-68 Test | Frequency Analysis | TCPIP Config | EPC Length | Times

Pulse interval: 15*100us ▼ Storage area or inquiry conducted Tags: C Password & EPC C TID C User C Multi-Query C One-Query C EAS Activate buzzer C DisEnable buzzer OffsetTime: 5*1ms Get Tiggertime 00001042190A02440750CB2D OC. OC. E2008366660A00300910B7C7 OC. 15 E2002076991002040300EAE6

MaskLen: 00 Maskadr. 00 Read Data / Write Data / Block Erase → Compute and add PC: 0800 00001042190A02440750C82D C User C Password F EPC CID Address of Tag Data[Word/Hex] 00 Length of Data(Flead/Block Erase: 4

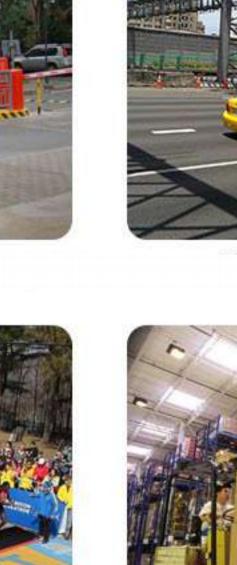
Relative products Related UHF integrated reader writer

built-in 12dbi antenna 12~15m reading range reader

IQRFID-5112

G9507 G9814

> G8702 Product application







G8703