



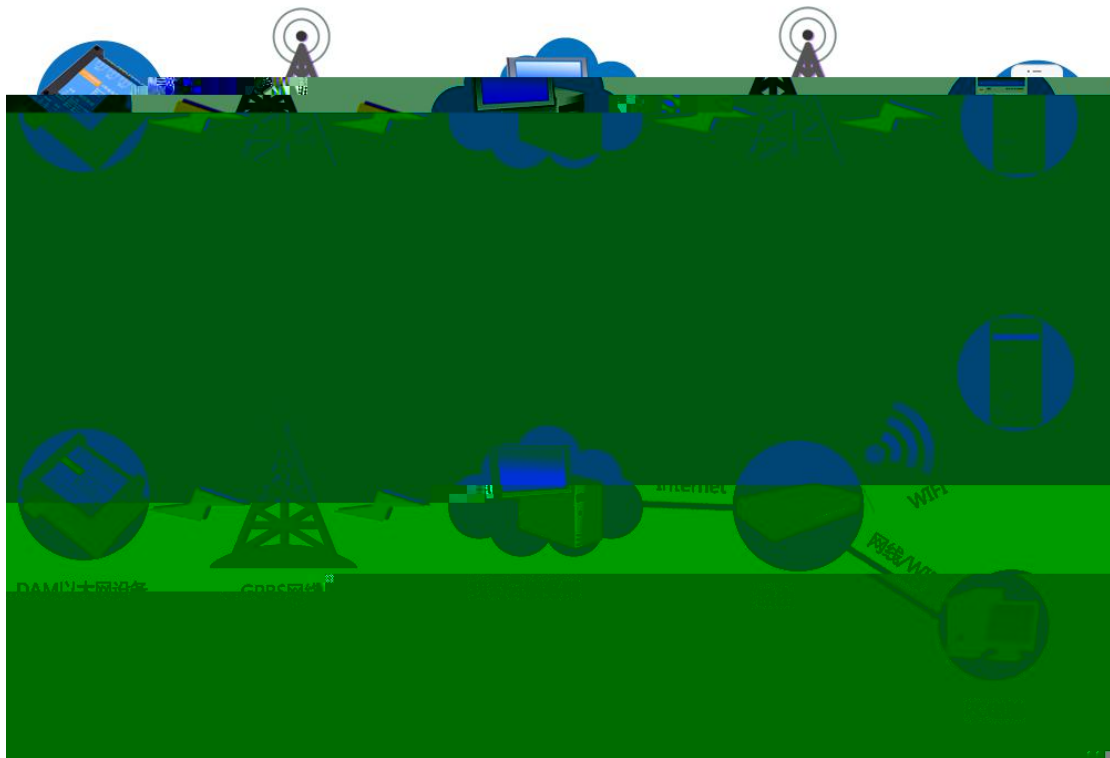
	.....	1
	.....	1
	.....	1
	.....	1
	.....	1
	.....	2
	.....	2
	.....	3
1	.....	3
2	.....	3
	<b>ID</b> .....	4
1	.....	4
2	.....	4
	.....	5
1	.....	5
2	.....	5
3	.....	6
	.....	7
	.....	7
1	.....	7
2	.....	7
	.....	7
1	.....	8
2	.....	8
3	.....	10
4	.....	13
	.....	13
1	<b>Modbus</b> .....	13
2	.....	15
3	.....	16
	.....	18



GSM

SIM

一、使用移动网络



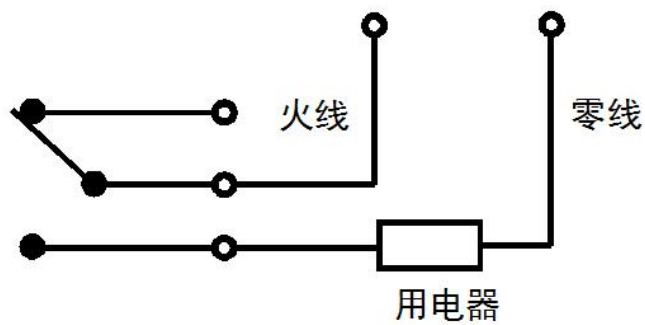
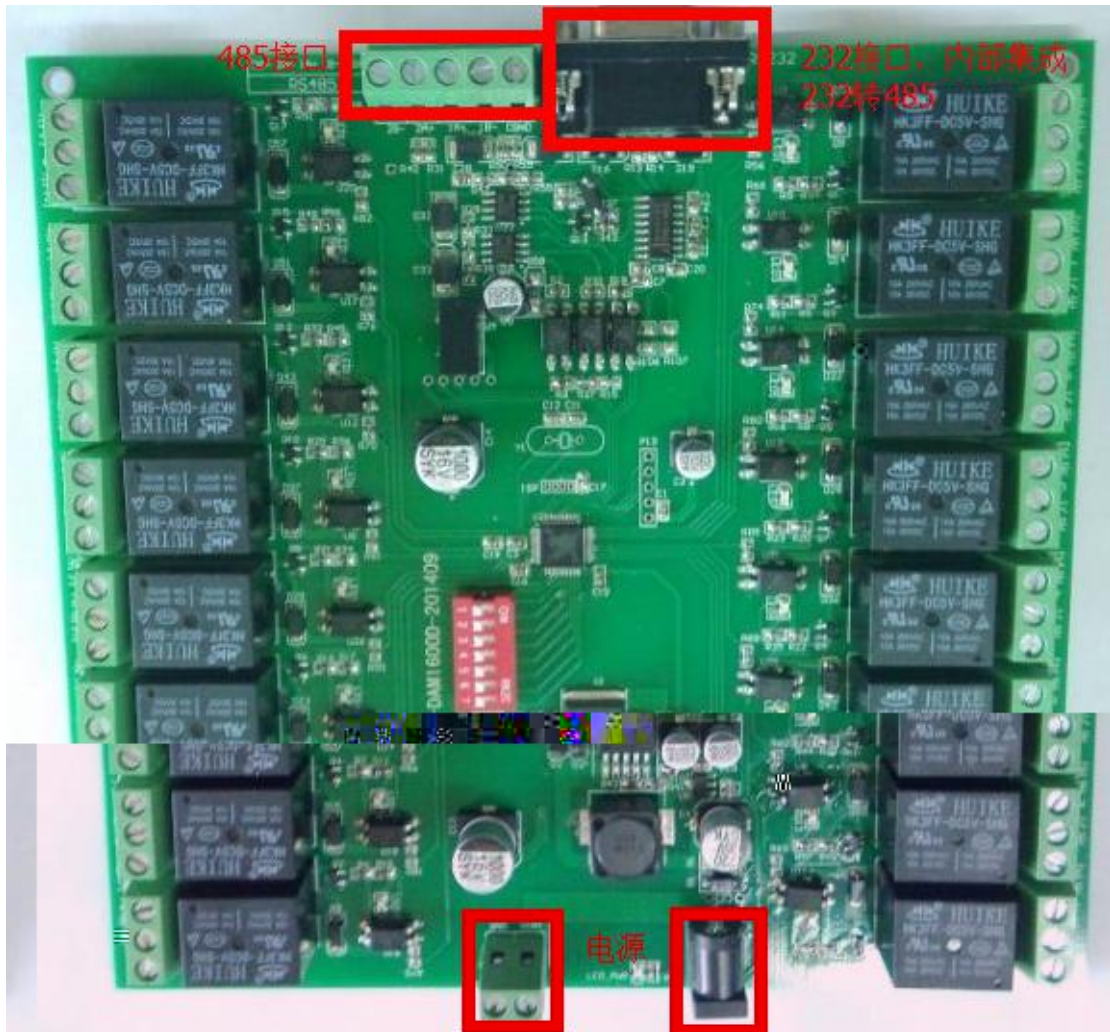
- 1
- 2
- 3
- 4
- 5

SIM

ID

app

ems.jydtu.com



ID

ID



```

1:
    :*JY#01#123456#138xxxxxxxxx#
2: APN
    :*JY#02#
    :*JY#02#"CMNET","", ""#
3: DNS
    :*JY#03#
    :*JY#03#114.114.114.114#8.8.8.8#300#60#
4:
    :*JY#04#
    :*JY#04#Hex#010203040506
5:
    :*JY#05#
    :*JY#05#ASCII#:138xxxxxxxx.
6:      ID
    :*JY#30#
    :*JY#30#UNID:*****
    CSQ  **
    GPS  **

      TCP/UDP Client      IP
      ems.jydtu.com      60001      1-      6

11:      1
    :*JY#11#
    :*JY#11#1#      #      #10000#300#0#31#
12:      2
    :*JY#12#
    :*JY#12#0##10000#10000#300#0#255#
13:      3
    :*JY#13#
    :*JY#13#0##10000#10000#300#0#255#
14:      4
    :*JY#14#

```

:\*JY#14#0##10000#10000#300#0#255#  
15: 5  
:\*JY#15#  
:\*JY#15#0##10000#10000#300#0#255#  
16: 6  
:\*JY#16#  
:\*JY#16#0##10000#10000#300#0#255#  
21: 1  
:\*JY#21#  
:\*JY#21#0#0#0#0#255#0#  
22: 2  
:\*JY#22#  
:\*JY#22#0#0#0#0#255#0#  
23: 3  
:\*JY#23#  
:\*JY#23#0#0#0#0#255#0#  
24: 4  
:\*JY#24#  
:\*JY#24#0#0#0#0#255#0#  
25: 5  
:\*JY#25#  
:\*JY#25#0#0#0#0#255#0#

DTU



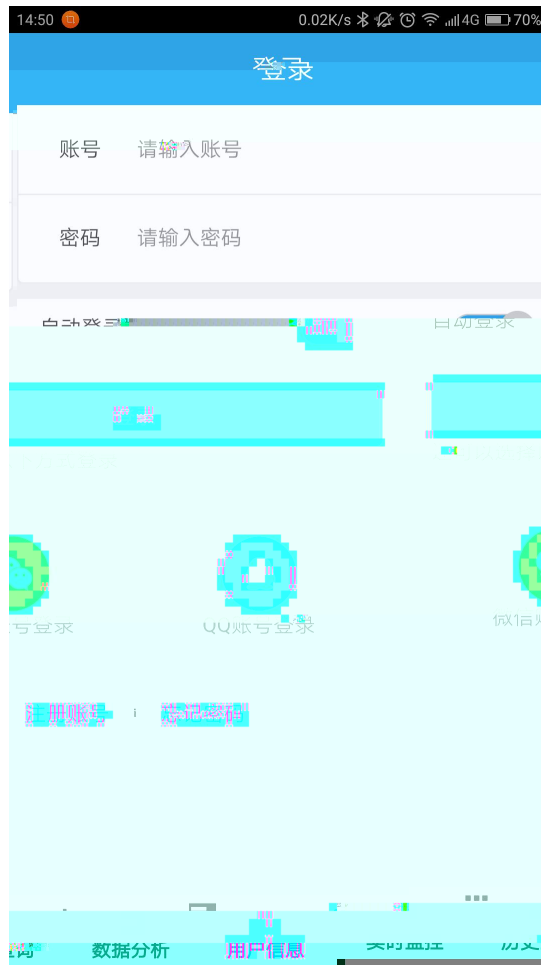


APP  
Android IOS 6"jED€5 f APP  
GPRS DAM , juB 5" 6  
4-20mA 0-10V 0-5V

app

Android

IOS



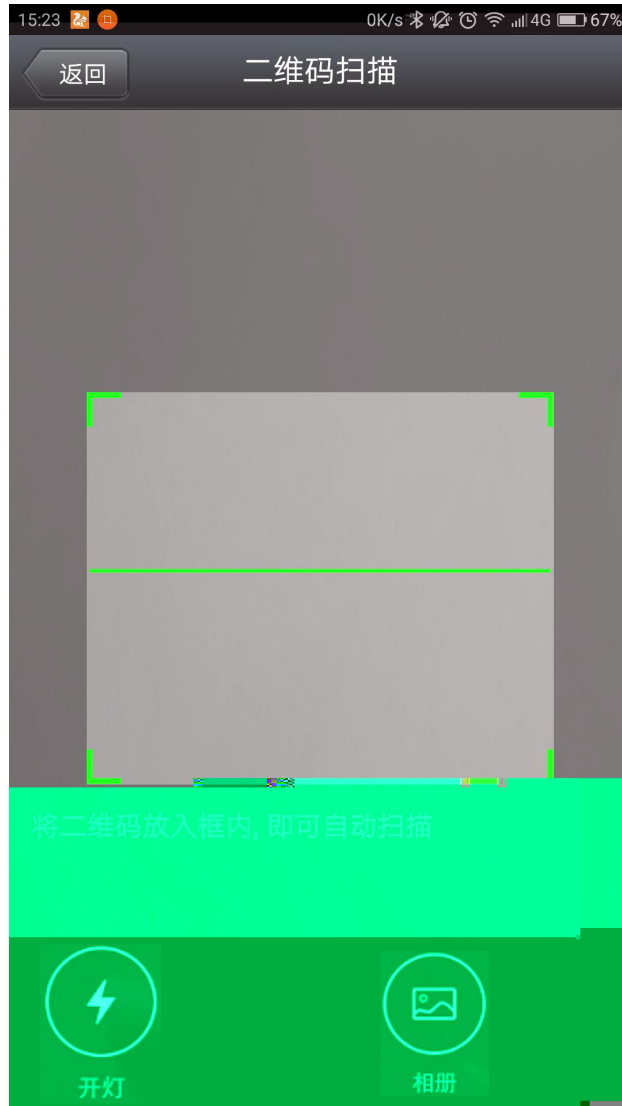
QQ



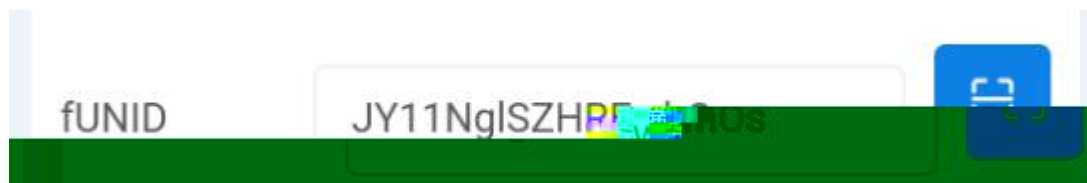

fUNID  
ID

ID

fUNID



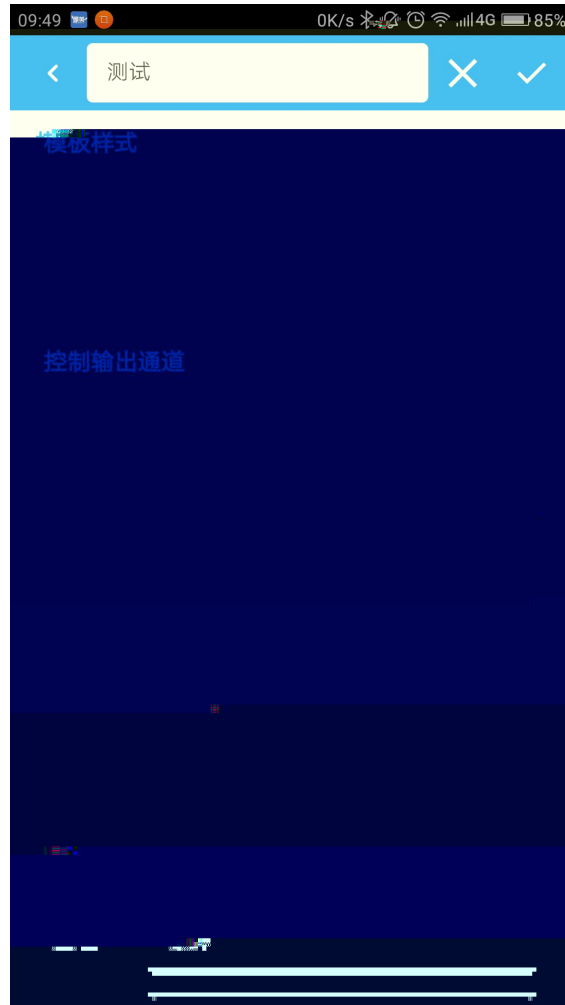
ID



1) DO



DO



2)

4-20mA      DAM                                  DAM                                  4-20mA  
 =                                  \*0.001                                  4000-20000  
 0-100

通道  
序号

通道

通道序号	电流值1 对应数据	电流值2 对应数据
通道	4000	100



X

1 5 15

1	
5	
15	

1	00001	
2	00002	
3	00003	
4	00004	
5	00005	
6	00006	
7	00007	
8	00008	
9	00009	
10	00010	
11	00011	
12	00012	
13	00013	
14	00014	
15	00015	
16	00016	

	1-4	[0001]	
J	6-40	[0002]	s
JL	11-400	[0003]	s
JD4	0016-4002	[0004]	4:
JD16	40076-40080	2:	
		[0005]	ms
	41001	0-5	0 RS232 RS485
	41002		
	41003	0 1 2 3 4 5	
	41004		
	41005		
	30001	Modbus	
	30002		
	30003		

Modbus	Modbus
00001 09999	( )
10001 19999	( )
30001 39999	( )
40001 49999	( )
5	4



00001---00002  
 30002                      16bit                      16

Bit	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0		
	8	7	6	5	4	3	2	1	16	15	14	13	12	11	10	9		
	30009				bit8				00001									
									30003		bit8		bit9		10001		10002	

PLC

	RTU      16
	FE 01 00 00 00 10 29 C9
	FE 01 01 00 61 9C
	FE 05 00 00 FF 00 98 35
	FE 05 00 00 FF 00 98 35
	FE 05 00 00 00 00 D9 C5
	FE 05 00 00 00 00 D9 C5
	FE 05 00 01 FF 00 C9 F5
	FE 05 00 01 00 00 88 05
	FE 05 00 02 FF 00 39 F5
	FE 05 00 02 00 00 78 05
	FE 05 00 03 FF 00 68 35
	FE 05 00 03 00 00 29 C5
	FE 05 00 04 FF 00 D9 F4
	FE 05 00 04 00 00 98 04
	FE 05 00 05 FF 00 88 34
	FE 05 00 05 00 00 C9 C4
	FE 05 00 06 FF 00 78 34
	FE 05 00 06 00 00 39 C4
	FE 05 00 07 FF 00 29 F4
	FE 05 00 07 00 00 68 04
	FE 05 00 08 FF 00 19 F7
	FE 05 00 08 00 00 58 07
	FE 05 00 09 FF 00 48 37
	FE 05 00 09 00 00 09 C7
	FE 05 00 0A FF 00 B8 37
	FE 05 00 0A 00 00 F9 C7
	FE 05 00 0B FF 00 E9 F7

	FE 05 00 0B 00 00 A8 07
	FE 05 00 0C FF 00 58 36
	FE 05 00 0C 00 00 19 C6
	FE 05 00 0D FF 00 09 F6
	FE 05 00 0D 00 00 48 06
	FE 05 00 0E FF 00 F9 F6
	FE 05 00 0E 00 00 B8 06
	FE 05 00 0F FF 00 A8 36
	FE 05 00 0F 00 00 E9 C6

FE 05 00 00 FF 00 98 35

FE			
05	05		
00 00			
FF 00			
98 35	CRC16	6	CRC16

FE 05 00 00 FF 00 98 35

FE			
05	05		
00 00			
FF 00			
98 35	CRC16	6	CRC16

FE 01 00 00 00 10 29 C9

FE			
01	01		
00 00			
00 10			
29 C9	CRC16	6	CRC16

FE 01 01 00 61 9C

FE 01 01 00 61 9C			
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FE			
01	01		0x81
01			$1+(n-1)/8$
00		Bit0: Bit1:  Bit7:	
61 9C	CRC16	6	CRC16

FE			
10	10		
00 03			
00 02			
04			$1+(n-1)/8$
00 04/00 02			
00 0A		00 0A	
00 D8	CRC16		

FE			
10	10		0x82
00 03			
00 02			
A5 C7	CRC16		

FE 0F 00 00 00 04 01 FF 31 D2

FE 0F 00 00 00 04 01 00 71 92

FE			
0F			0x82
00 04			
01			
FF 00		FF 00	
	CRC16		

FE 0F 00 00 00 04 40 07

FE		
0F		0x82
00 04		
	CRC16	

400-6688-400

