



UT-6502-FD

2 CANFD

UT-6502-FD	2	CAN(FD)	1	
CAN(FD)-bus			10M/100M	50Kbps~5Mbps
		CAN(FD)-bus		CAN(FD)-bus
UT-6502-FD		Web		UT-6502-FD

- ✧ CAN(FD)-bus
- ✧ CAN2.0/CANFD
- ✧ 2 CAN(FD)-bus 50Kbps~5Mbps
- ✧ 1 10M/100M 100M
- ✧ 12-36V DC
- ✧ ≤ 120mA@12V
- ✧ -40~+85°C
- ✧ -40~+85°C
- ✧ 5~95%
- ✧ 5~95%
- ✧ 1000VDC
- ✧ 8kV 6kV
- ✧ 1.2/50us 2kV 1kV
- ✧ 10/700us 2kV 1kV

PWR

RUN

CAN1

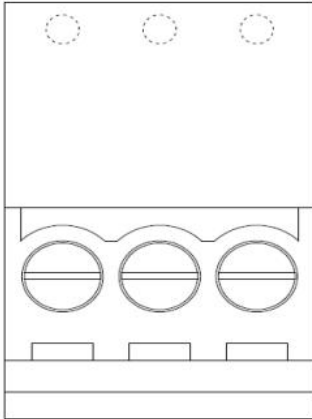
CAN1

CAN2

CAN2

Reset , 5

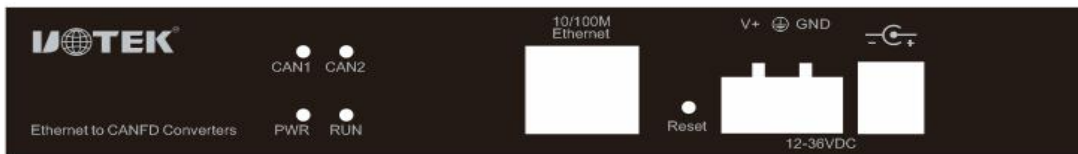
1



引脚名称	功能说明
V+	电源正极
GND	电源负极
⊕	大地

V+ ⊕ GND

2



3 RJ45

RJ45	
1	TX+
2	TX-
3	RX+
6	RX-
4 5 7 8	-



4

3.81-4pin

1	CAN1-H	CAN1-H	5	CAN2-H	CAN2-H
2	CAN1-L	CAN1-L	6	CAN2-L	CAN2-L
3	RES1+	CAN1	7	RES2+	CAN2
4	RES1-	CAN1	8	RES2-	CAN2

* CAN-bus CAN 120R

IP	192.168.1.125
	255.255.255.0
	admin
	admin

1.

CAN CAN
 “CAN ”

UT-6504

CAN(FD)

“CAN ”

CAN 13

CANFD 69

(1Byte) + ID(4Byte) +

(CAN 8Byte CANFD 64Byte)

1.1

FF	RTR	EDL	BRS(CANFD)	DLC3	DLC2	DLC1	DLC0
0	0	0 CAN	0				
1	1	1 CANFD	1				

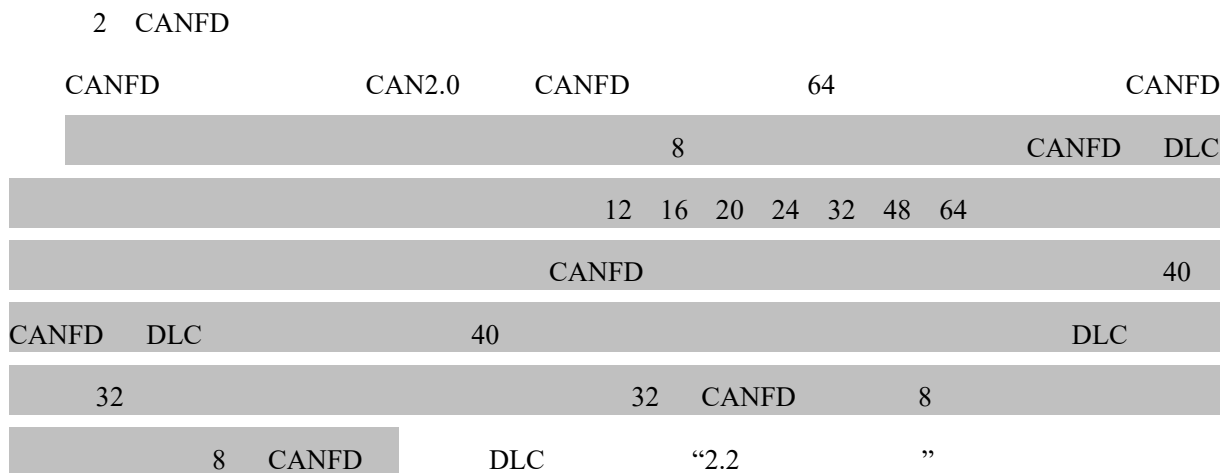
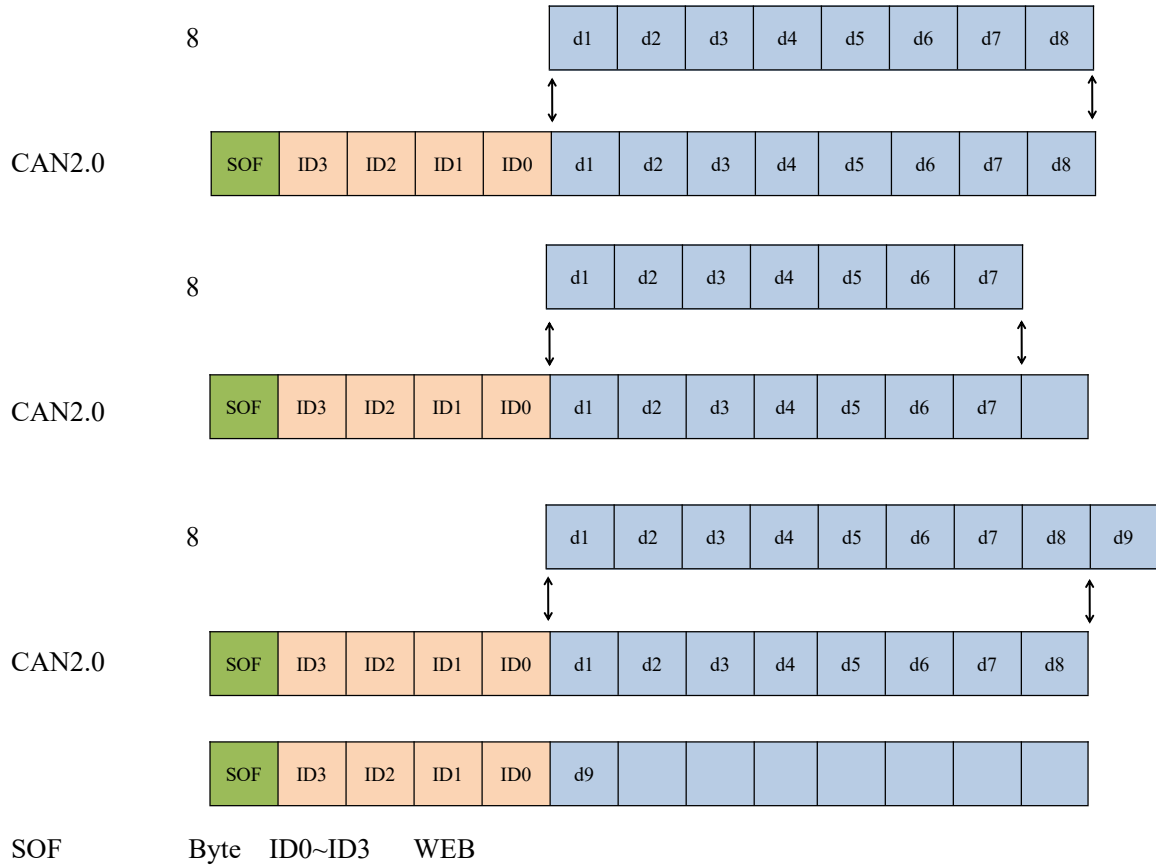
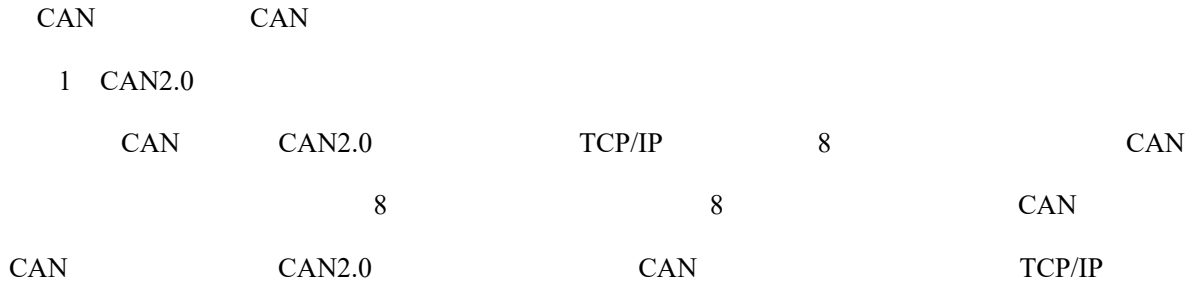
1.1

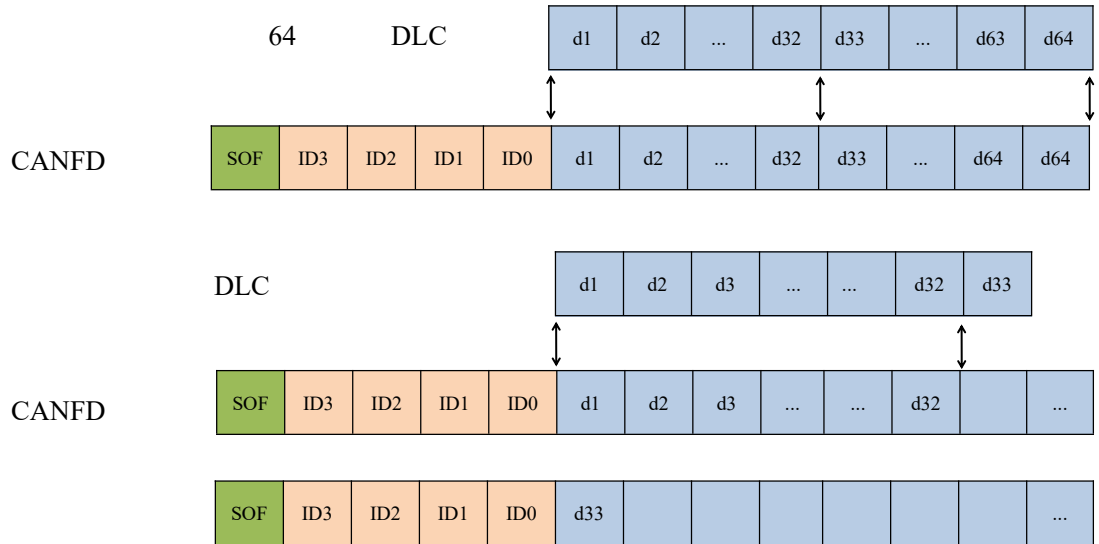
Web

1.1

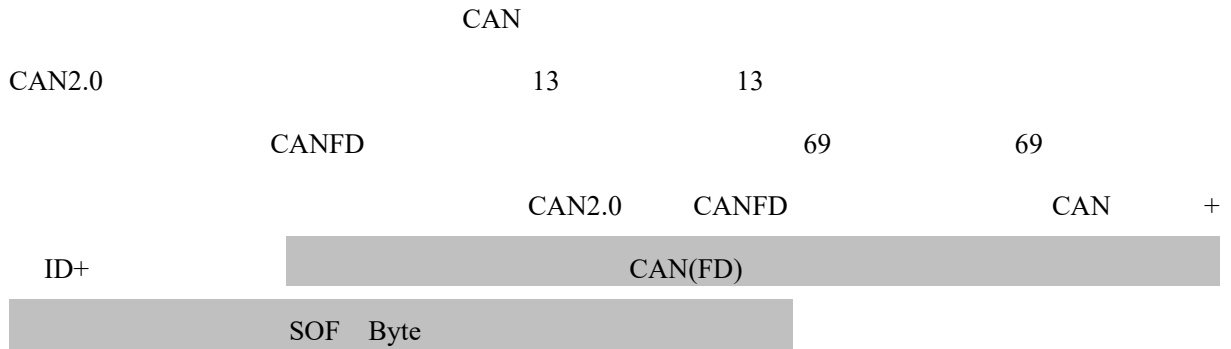
CAN(FD) ID WEB

TCP/IP





SOF Byte ID0~ID3 WEB
1.2



CAN2.0 13		
SOF	ID	
1Byte	4Byte	8Byte

2.1 CAN2.0

CANFD 69		
SOF	ID	
1Byte	4Byte	64Byte

2.2 CANFD

SOF

Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0
------	------	------	------	------	------	------	------

FF	RTR	EDL	BRS	DLC3	DLC2	DLC1	DLC0
----	-----	-----	-----	------	------	------	------

2.3

- FF 0 1
- RTR 0 1
- EDL CAN2.0 CANFD 0 CAN2.0 1 CANFD
- BRS CANFD 0 1 CANFD CAN2.0
- DLC0~DLC3 CAN2.0 0x0-0x8 CANFD

0x0-0xf

CANFD DLC

0x0	0x1	0x2	0x3	0x4	0x5	0x6	0x7	0x8	0x9	0xA	0xB	0xC	0xD	0xE	0xF
0	1	2	3	4	5	6	7	8	12	16	20	24	32	48	64

2.4 DLC

ID ID 4 11 0x00-0x7FF

29 0x00-0x1FFFFFFF.

12h	34h	56h	78h
-----	-----	-----	-----

00h	00h	03h	FFh
-----	-----	-----	-----

ID

ID

0x12345678

0x3FF

1 CAN2.0

CAN2.0

13

0

13

CAN

13

13

CAN

13

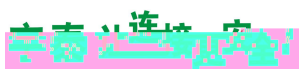
13

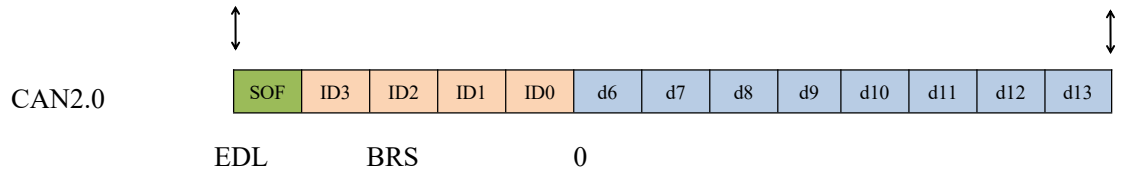
13

CAN

13

d1	d2	d3	d4	d5	d6	d7	d8	d9	d10	d11	d12	d13
----	----	----	----	----	----	----	----	----	-----	-----	-----	-----



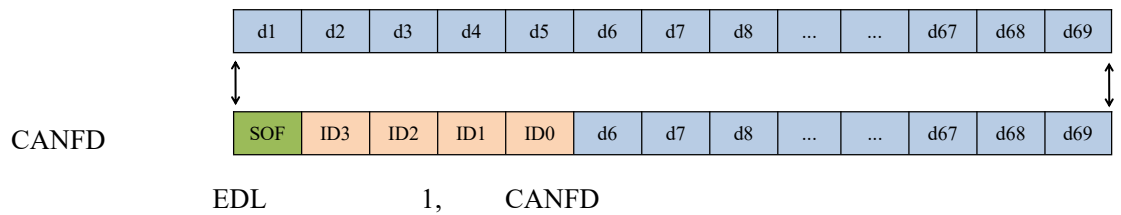
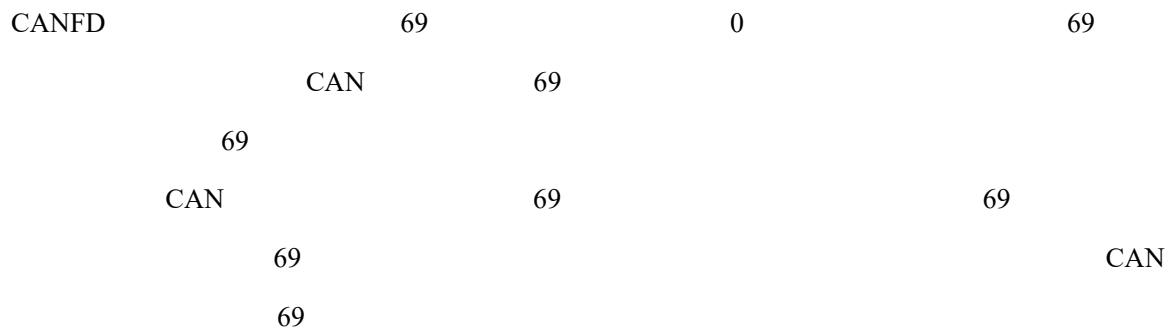


(hex)

88	00	00	00	3A	11	22	33	44	55	66	77	88
----	----	----	----	----	----	----	----	----	----	----	----	----

Byte 0x88 ID 0x0000003A 0x11~0x88
 FF 1 ID 0x1FFFFFFF,
 CAN2.0

2 CANFD



(hex)

3F	00	00	00	3A	01	02	03	04	...	3e	3f	40
----	----	----	----	----	----	----	----	----	-----	----	----	----

Byte 0x3F ID 0x0000003A 0x01~0x40 FF
 0 EDL 1 CANFD BRS 1 CANFD ID
 0x7FF CANFD

2.

1 32
 2 ID CAN

3. CAN

1 (ms) 3 500

4.

	TCP	UDP	Client	Server
1				
	TCP			
	UDP			TCP
2				
3				

TCP Client

	5001
	6001
TCP/IP	TCP
TCP/IP	Client
IP	192.168.1.176

	TCP Client	5001	IP	192.168.1.176
6001	IP	192.168.1.176		

TCP Server

	5001
TCP/IP	TCP
TCP/IP	Server
IP	N/A

TCP Server 5001 IP IP IP
 IP 5001

UDP Client

(udp)

	5001
	6001
TCP/IP	UDP
TCP/IP	Client
IP	192.168.1.176

UDP Client 6001 UDP IP 192.168.1.176
 5005 IP 192.168.1.176

UDP “udp client start receive”

UDP Server

	5001
TCP/IP	UDP
TCP/IP	Server
IP	N/A

UDP Server 5001 IP IP UDP
 IP IP 5001

5.

1 CAN2.0

13 hex

88 00 00 00 3a 11 22 33 44 55 66 77 88

88 8 0 8

[0,8]

00 00 00 3a : id id=0x0000003a [0, 0x1FFFFFFF];

[0,0x7FF]

11 22 33 44 55 66 77 88

88 00 00 00 3a 11 22 33 44 55 66 77 88

88 00 00 00 3a 11 22 33 44 55 66 77 88

13 hex

88 00 00 00 3b 11 22 33 44 55 66 77 88

88 8 0 8

[0,8]

00 00 00 3b : id id=0x0000003a [0, 0x1FFFFFFF];

[0,0x7FF]

11 22 33 44 55 66 77 88 ,

88 00 00 00 3b 11 22 33 44 55 66 77 88

: 11 22 33 44 55 66 77 88

2 CANFD

69 hex

3f 00 00 00 23 00 01 02 03 04 05 06 07 08 09 0a 0b 0c 0d 0e 0f 10 11 12 13 14 15 16

17 18 19 1a 1b 1c 1d 1e 1f 20 21 22 23 24 25 26 27 28 29 2a 2b 2c 2d 2e 2f 30 31 32 33 34

35 36 37 38 39 3a 3b 3c 3d 3e 3f

3f 3 CANFD CANFD f

DLC 64 [0,f]

00 00 00 23 id id=0x00000023 [0, 0x1FFFFFFF];

[0,0x7FF]

00 01 02 03 04 05 06 07 08 09 0a 0b 0c 0d 0e 0f 10 11 12 13 14 15 16 17 18 19 1a 1b 1c 1d

1e 1f 20 21 22 23 24 25 26 27 28 29 2a 2b 2c 2d 2e 2f 30 31 32 33 34 35 36 37 38 39 3a 3b

3c 3d 3e 3f DLC

3f 00 00 00 23 00 01 02 03 04 05 06 07 08 09 0a 0b 0c 0d 0e 0f 10 11 12 13

14 15 16 17 18 19 1a 1b 1c 1d 1e 1f 20 21 22 23 24 25 26 27 28 29 2a 2b 2c 2d 2e 2f 30 31
32 33 34 35 36 37 38 39 3a 3b 3c 3d 3e 3f

3f 00 00 00 23 00 01 02 03 04 05 06 07 08 09 0a 0b 0c 0d 0e 0f 10 11 12 13

14 15 16 17 18 19 1a 1b 1c 1d 1e 1f 20 21 22 23 24 25 26 27 28 29 2a 2b 2c 2d 2e 2f 30 31
32 33 34 35 36 37 38 39 3a 3b 3c 3d 3e 3f

69 hex

af 00 00 12 34 00 01 02 03 04 05 06 07 08 09 0a 0b 0c 0d 0e 0f 10 11 12 13 14 15 16

17 18 19 1a 1b 1c 1d 1e 1f 20 21 22 23 24 25 26 27 28 29 2a 2b 2c 2d 2e 2f 30 31 32 33 34
35 36 37 38 39 3a 3b 3c 3d 3e 3f

af a CANFD CANFD f
DLC 64 [0,f]

00 00 12 34: id id=0x0001234 [0, 0x1FFFFFFF];
[0,0x7FF]

00 01 02 03 04 05 06 07 08 09 0a 0b 0c 0d 0e 0f 10 11 12 13 14 15 16 17 18 19 1a 1b 1c 1d
1e 1f 20 21 22 23 24 25 26 27 28 29 2a 2b 2c 2d 2e 2f 30 31 32 33 34 35 36 37 38 39 3a 3b
3c 3d 3e 3f DLC

af 00 00 12 34 00 01 02 03 04 05 06 07 08 09 0a 0b 0c 0d 0e 0f 10 11 12 13 14
15 16 17 18 19 1a 1b 1c 1d 1e 1f 20 21 22 23 24 25 26 27 28 29 2a 2b 2c 2d 2e 2f 30 31 32
33 34 35 36 37 38 39 3a 3b 3c 3d 3e 3f

: 00 01 02 03 04 05 06 07 08 09 0a 0b 0c 0d 0e 0f 10 11 12 13 14 15 16 17 18
19 1a 1b 1c 1d 1e 1f 20 21 22 23 24 25 26 27 28 29 2a 2b 2c 2d 2e 2f 30 31 32 33 34 35 36
37 38 39 3a 3b 3c 3d 3e 3f

3

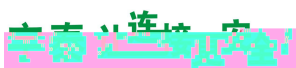
id

id

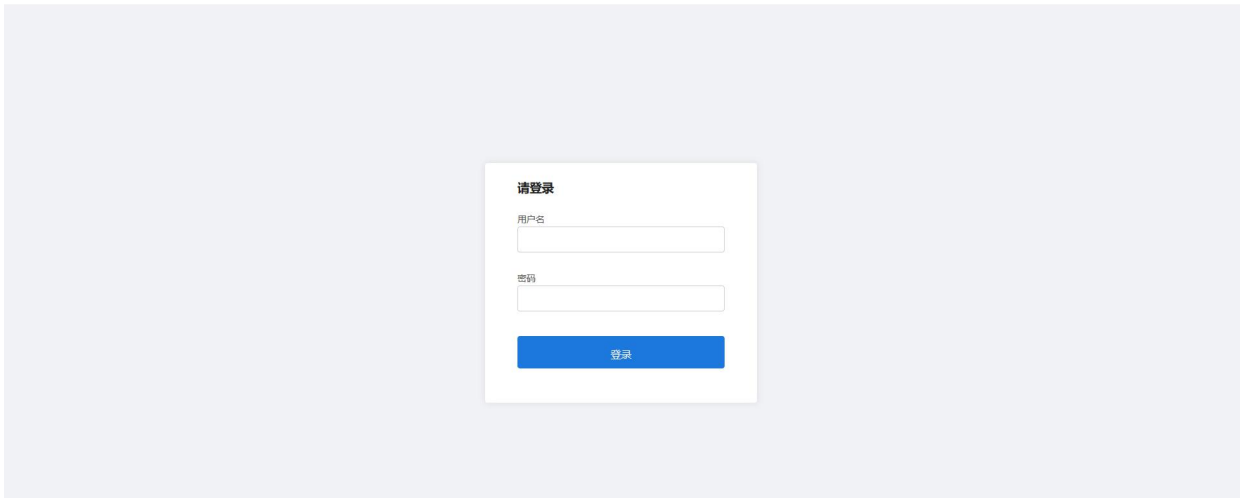
id

id

Web

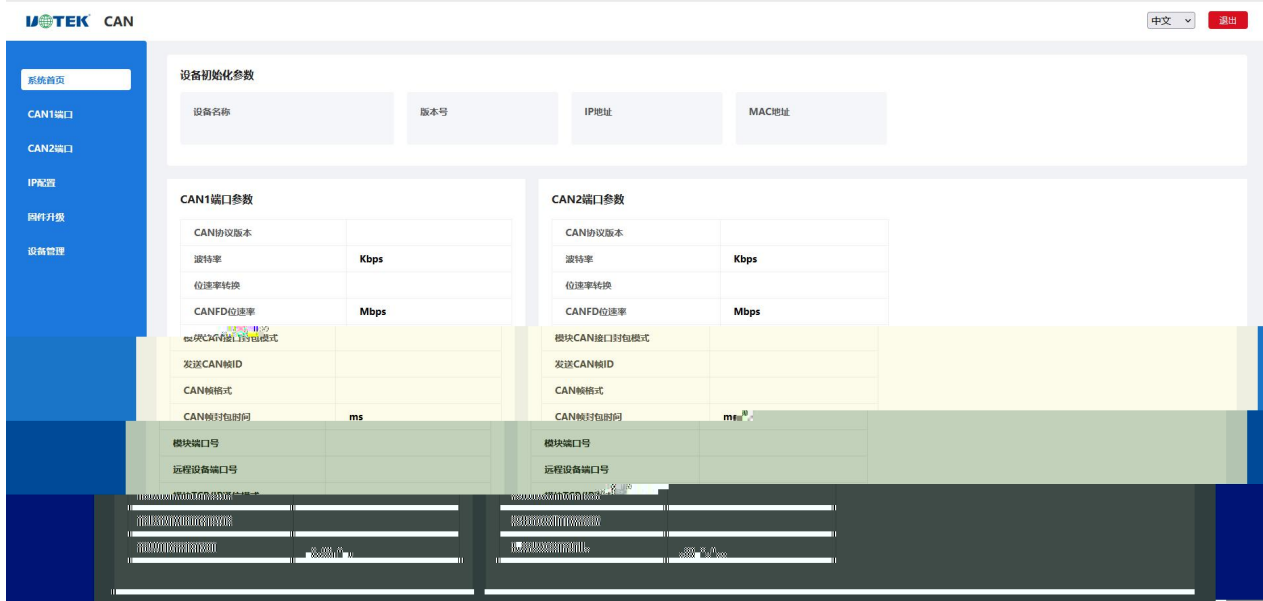


1.



admin

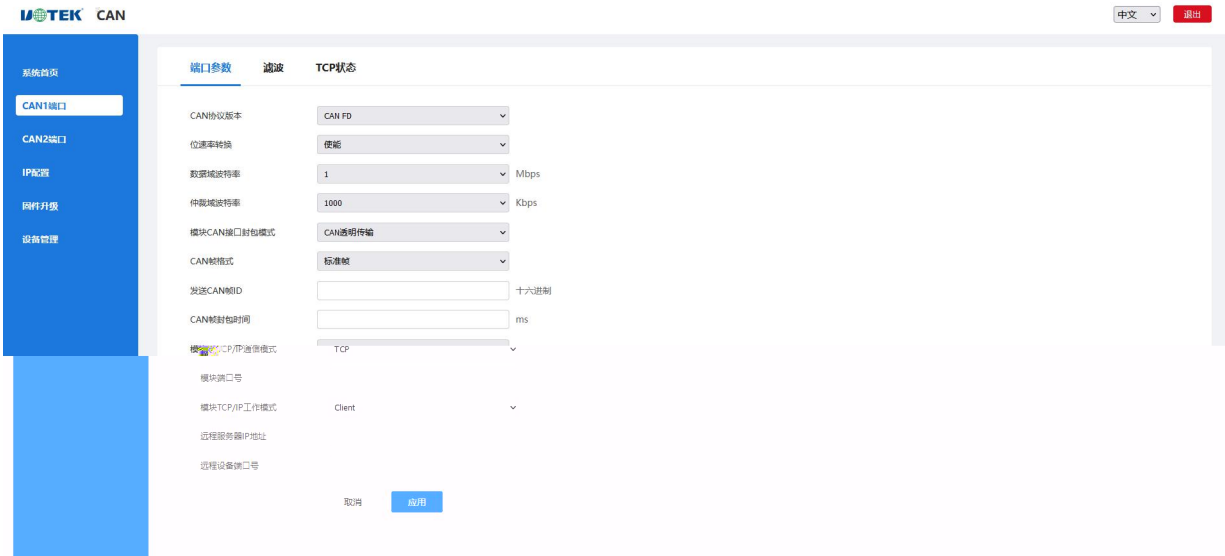
2.



CAN

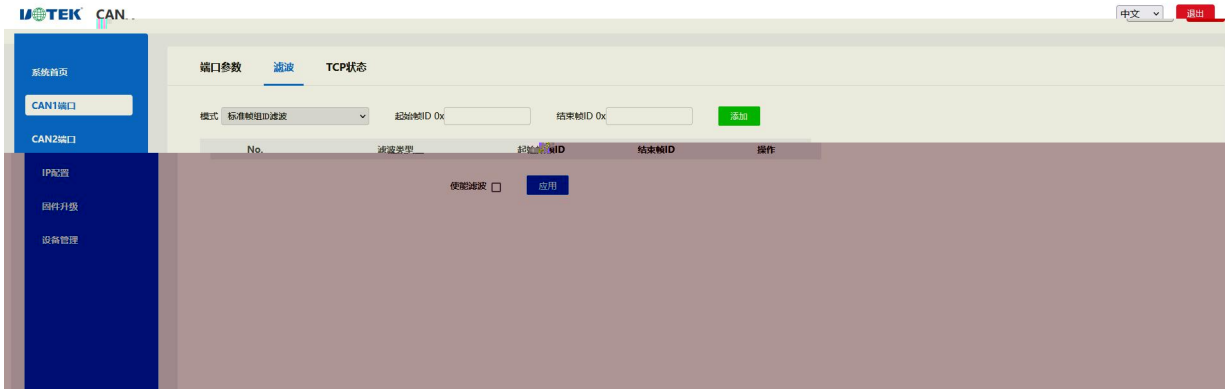
3.CAN

3.1



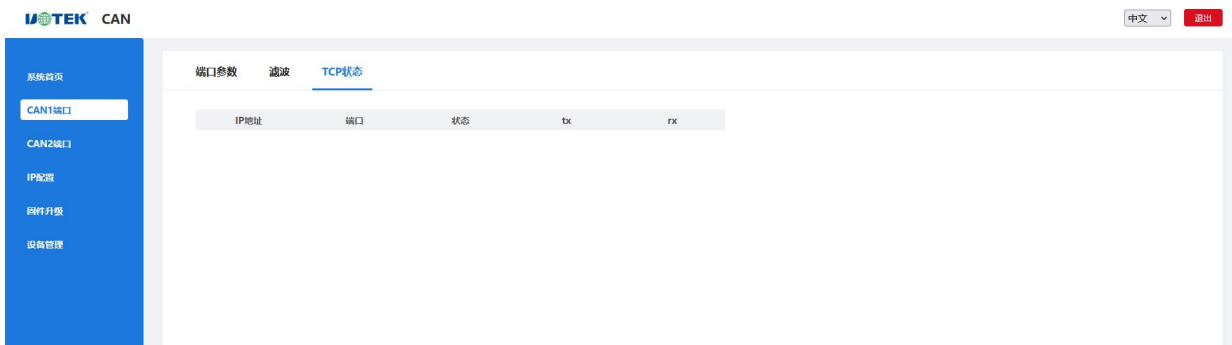
CAN	CAN2.0	CANFD
		CANFD
	CANFD	1Mbps-5Mbps
	CAN	50Kbps-1000Kbps
CAN	CAN	
CAN	CAN	
	CAN	ID
CAN	CAN	
TCP/IP		TCP UDP
TCP/IP		Server Client
	IP	IP
	TCP	

3.2



	ID	ID
ID	ID	
ID	ID	
ID	ID	ID

3.3 TCP



	TCP	IP
	TCP	
Tx Rx	tcp	

4.IP

IP	IP	IP	IP DHCP
IP	IP		

5.

> >

6.

IOTEK CAN
中文 ▼ 退出

系统首页
 CAN1端口
 CAN2端口
 IP配置
 固件升级
设备管理

设备名称

保存

修改密码

旧密码

新密码

保存

恢复出厂设置

恢复出厂设置

应用

重启设备

重启设备

重启设备