

TE 系列产品家族

版本：V1.0 | 中文

tosunai.com

1288 9
4849 14-17

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@ 2024

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6.检查和维护 38

1.

1.1

1.2

2.



	TE1021	TE1051	TE1105
		USB	
	1	1	5
	/	/	/
	RJ45+TE MATenet H-MD	RJ45+TE MATenet H-MD	RJ45+TE MATenet
	/	/	/
	9V-30V	5V USB	9V-28V
	110*70*36mm	110*70*36mm	332*112*30mm
	140g	140g	934g



3. TE1021

3.1

TE1021

100/1000Base-T1

R1 100/1000Base-TX

100/1000Base-TX

3.2

- ✓ 100/1000Mbps UTP()
- ✓
- ✓ TEMATenet H-MD
- ✓ RJ45
- ✓ LED
- ✓ / 100/1000Mbps LED
- ✓ DIP
- ✓ : DC 9~30V
- ✓ : T1 Tx 640ns Tx T1: 4.84us
T1 Tx 840ns Tx T1: 1.74us

3.3

	/ 100/1000Base-T1
	RJ45+TE MATenet H-MD
	/
	DC9- 30V
	1.5W
	110*70*36mm
	140g / 322g
	-40 80
	10% 90%

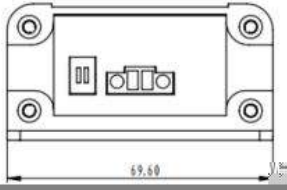
3.4

DC	9	12	30	V
DC	--	0.12	--	A
DC	--	1.5	--	W

EMC

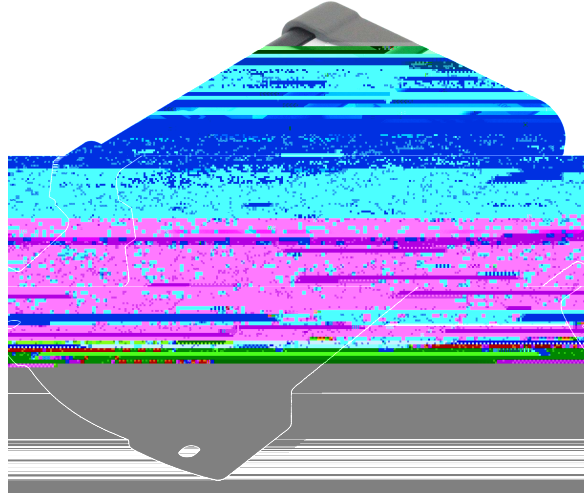
3.5



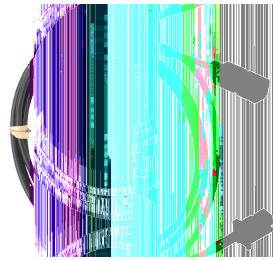


3.6

✓ TE1021



✓

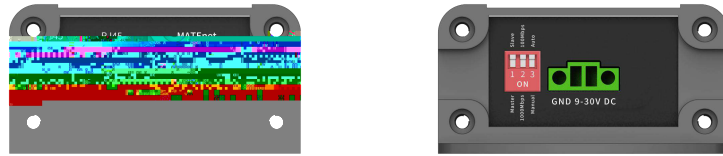


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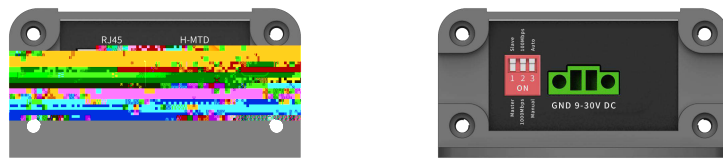


✓ TE MATENET

3.7



TE1021-M



TE1021-R

- RJ45
-
- DI P

TE MATENET



DI P		
1		
2		
3		

- 2-Pin

* TE1021 D I P
 D I P



➤ D I P



D I P		
1		
2		

3.8 LED

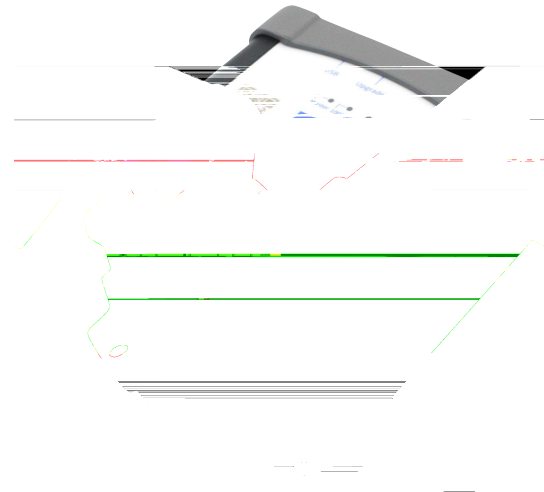


Power		
T1_Link	T1	T1
Master		/
1000Mbps	100M/1000M	1000M /100M

4. TE1051

4.1

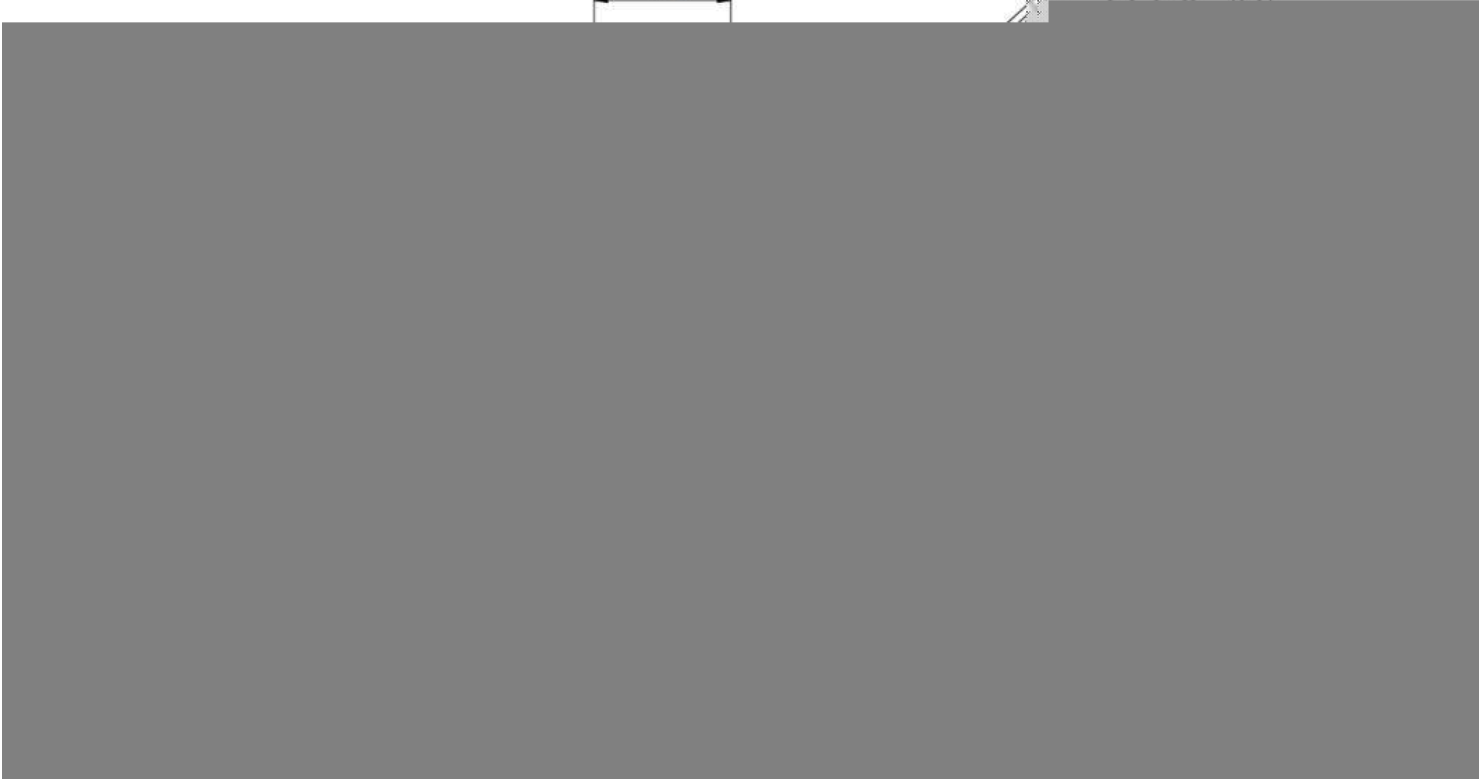
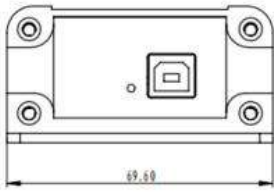
TE1051	1	USB		
100Base-Tx 1000Base-T		100/1000Base-T1	USB	PC
TSMaster				DoI P SOME/I P
TE1051	USB	PC		



4.2

- ✓ US
- ✓ Windows 10/11 Win7
- ✓ 1 100Base-Tx 1000Base-T 100/1000Base-T1
- ✓ TEMNET H-MD
- ✓ LED /

4.5



4.6

✓ TE1051



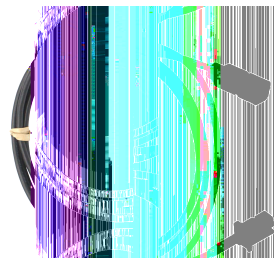
✓ USB *1



✓ *1



✓

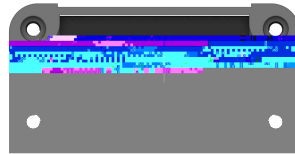
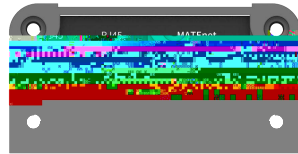


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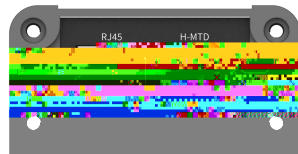


✓ TE MATENET

4.7



TE1051-M

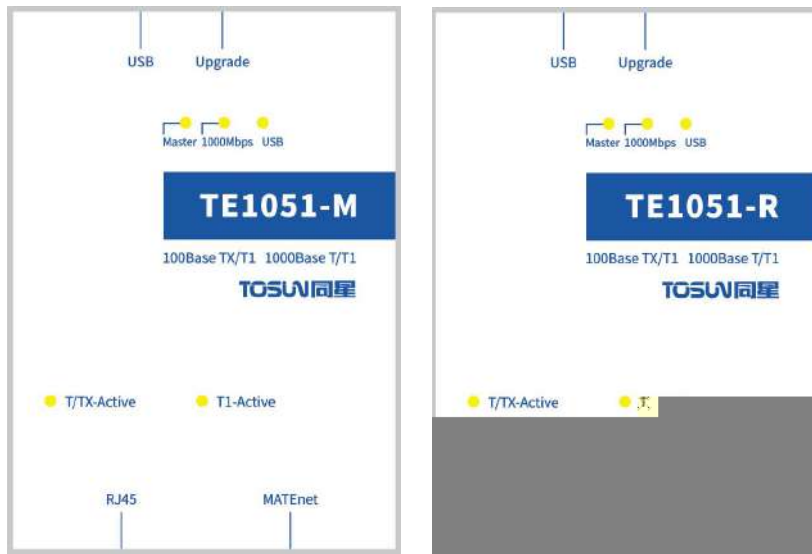


TE1051-R

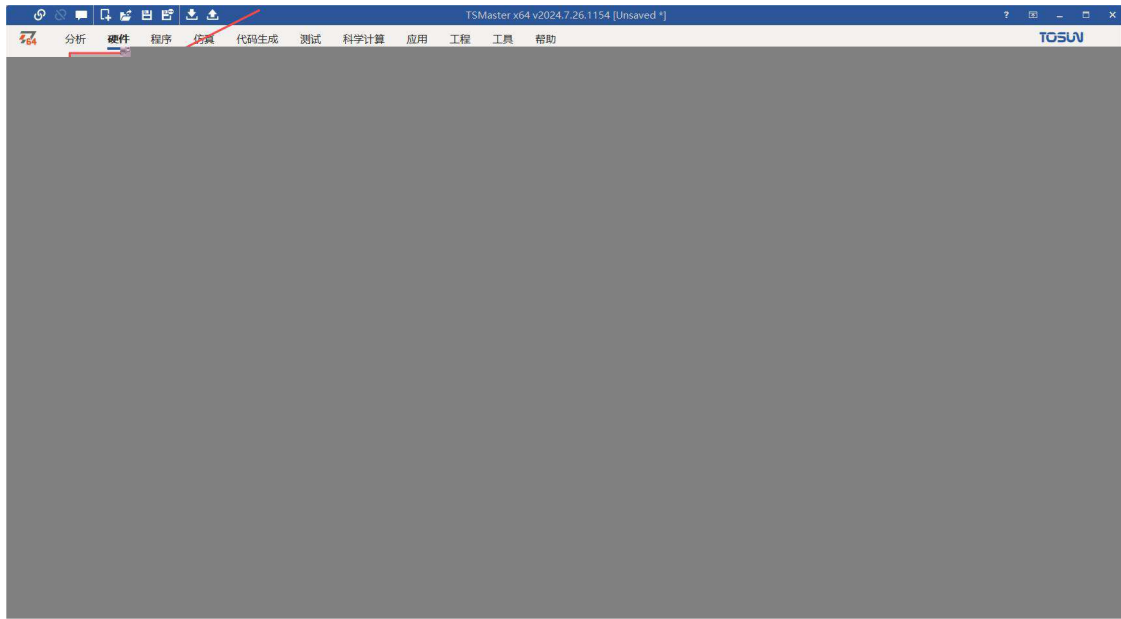
- RJ45
-
- USB 2.0

TE MATENET

4.8 LED



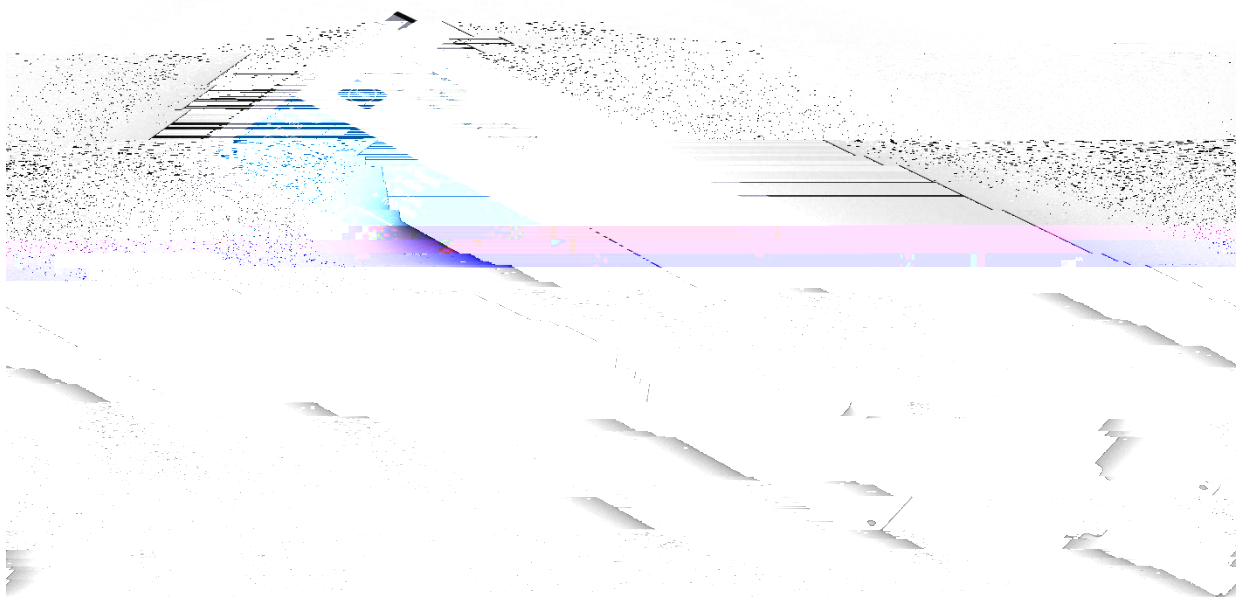
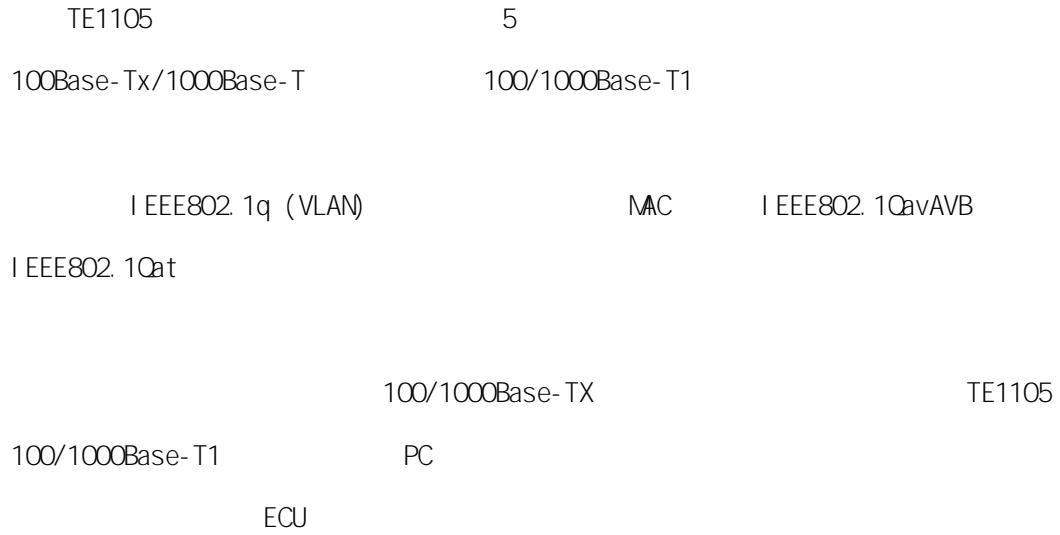
Master		/
1000Mbps	100M/1000M	1000M /100M
USB	USB	USB
T/TX-Active	T/TX	
T1-Active	T1	



TE1051 TSMaster
ECU TSMaster
TSMaster

5. TE1105

5.1



5.2

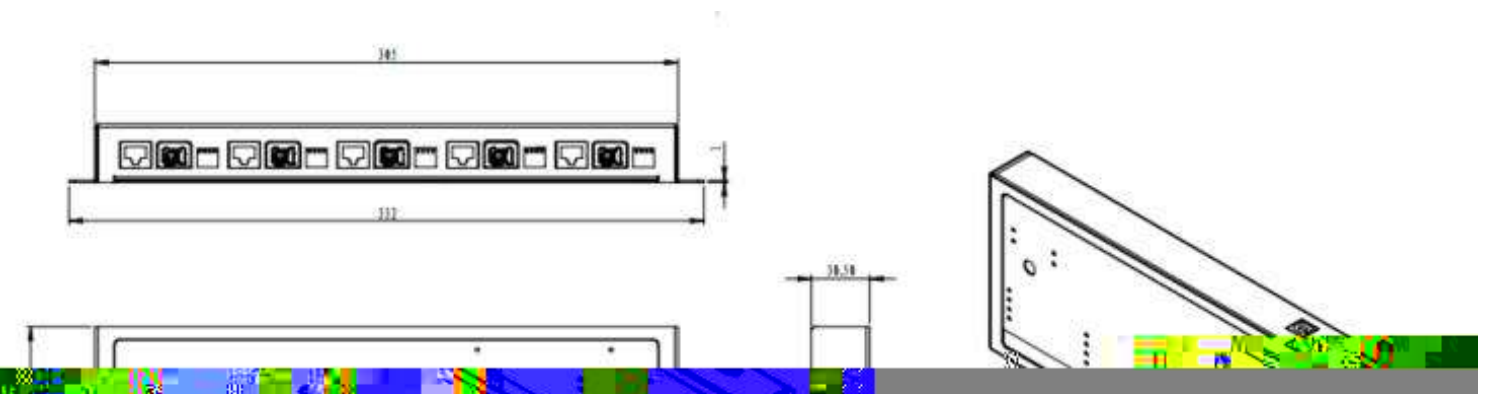
- ✓ 5 100Base-Tx/1000Base-T 100/1000Base-T1
- ✓ TE MATENET
- ✓
- ✓ 2 VLAN TSN AVB
- ✓ Mirror
- ✓ RJ45 PC
- ✓ LED /
- ✓ / LED
- ✓

5.3

	5 100Base-Tx 1000Base-T	100/1000Base-T1
PC	USB2.0	
	RJ45+TE MATENet	
	/	
	DC9-28V	
	6W	
	332*112*30mm	
	934g / 1569g	
	-40 80	
	10% 90%	

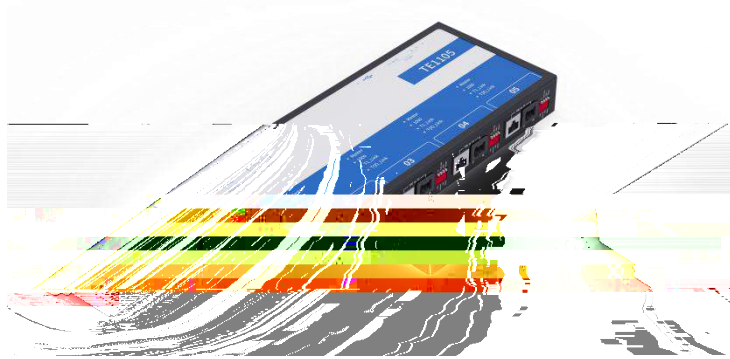
5.4

DC	9	12	30	V
DC	--	0.47	--	A
DC	--	5-		



5.6

✓ TE1105



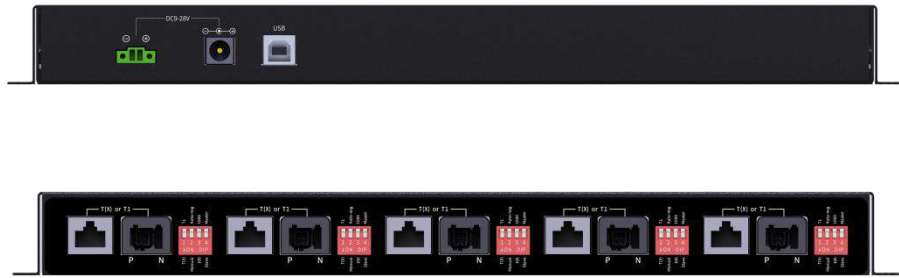
✓ USB *1



✓ 12V2A *1

✓ TE MATENET *5

5.7



- 2-Pin
- DC
- USB2.0
-
- DIP

TE NETENET



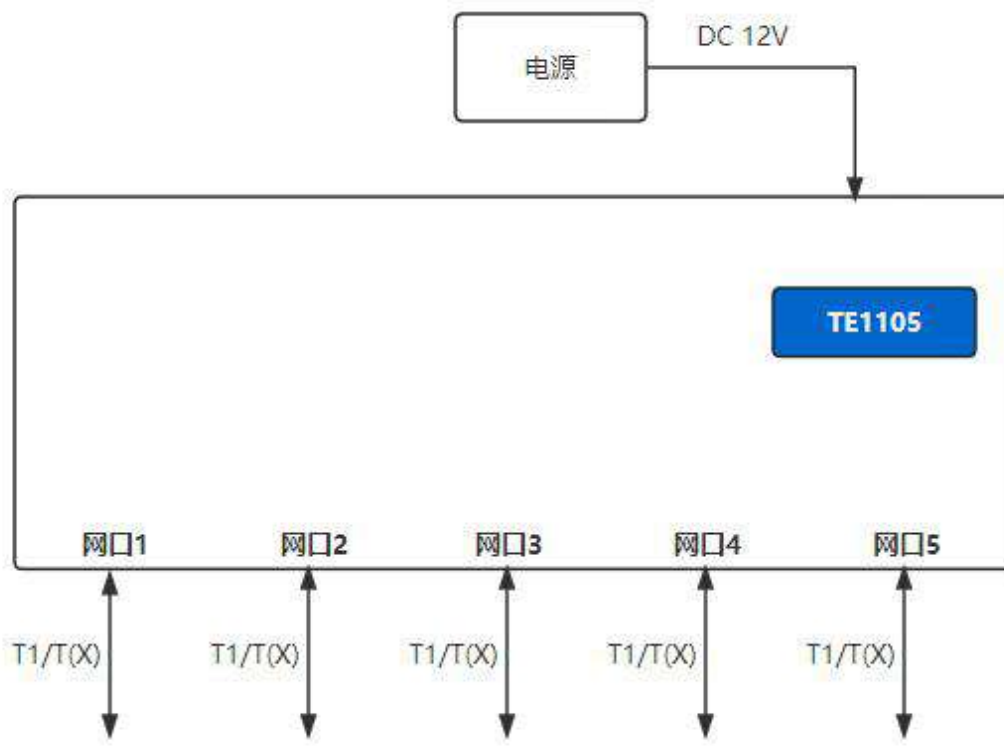
DIP		
1		T1
		T(X)
2		
3		
4		

5.8 LED



	USB	USB
User mode1	-	
User mode2	-	
Normal		
Port mirroring		
Master		/
1000Mbps	100M/1000M	1000M /100M
T1_Link	T1 Link	T1
T(X)_Link	T(X) Link	T(X)

5.9



1. Normal Mode



MAC
MAC MAC

2. Port mirroring Mode



3. User Mode



TE1105 USB PC PC TSMaster



---1-5

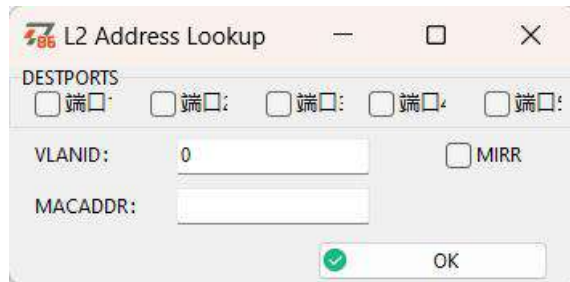
Invalid

2

1024

MACADDR

MAC



DESTPORTS

MAC

VLAN I D

MACADDRE MAC

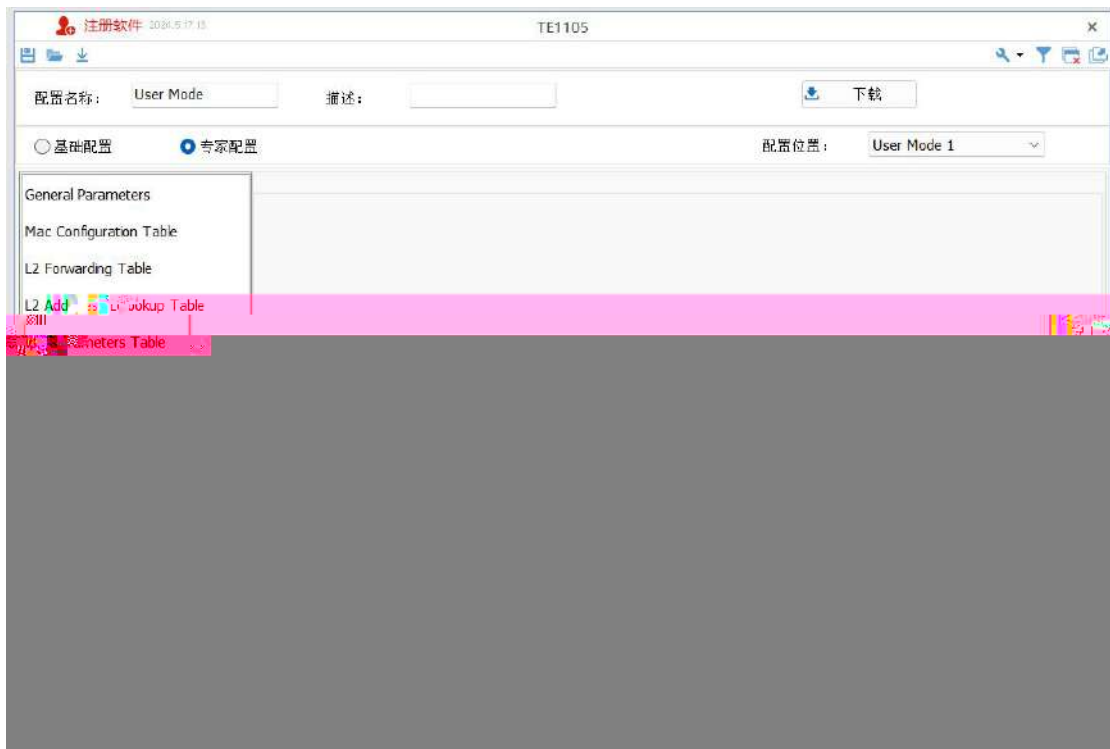
FF-FF-FF-FF-FF-FF

MIRR 1

MAC



General Parameters Mac Configuration Table L2 Forwarding Table L2 Address Lookup Table L2 Lookup Parameters Table VLAN Lookup Table



TE1105

USB

USB

6.

TE

6

			USB /
		USB +5V DC +12V DC	
	()	-40 ~+80	
	()	10%-90%	

TOSUN同星

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