

2008-7-1	
2009-2-17	

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-

1		6
1.1		

6.2.4		51
6.3		52
6.4		54
6.4.1		54
6.4.2		54
6.4.3		54

1

1.1



1.1 RG-S5750-24GT/12SFP



1.2 RG-S5750P-24GT/12SFP

1UBOX
Link/ACT

Power Status

Power

LED

1)

LED

LED

2)

3) PC Console

4)

1 3
4

Status

LED

Status



RSPAN

UP

3.

1)

2)

LED

LED

3)

- 2) .
- 3)
- 4)

5)

6)

1.2.3

1) Console show slots

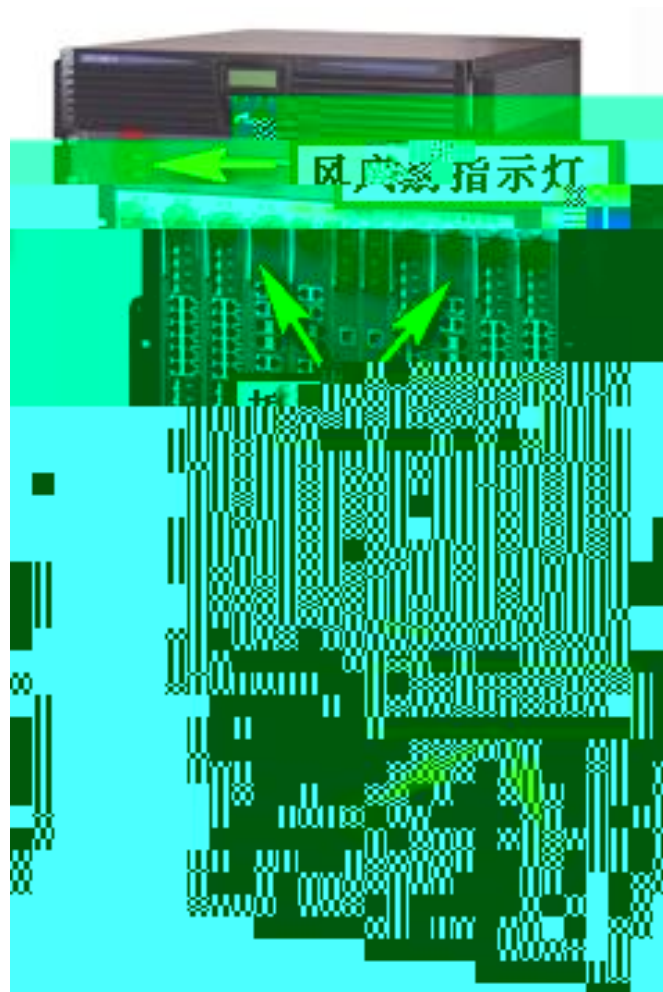
- 2)
- 3) ,

4)

5)

2

2.1



2.1 RG-S8610

2.2 RG-S7606



Status

Status

Status

1) Status Status

2)

3)

Status

status

can not start up

1.

2.

3.

4.

1.

2.

3. Console System Halt
Log

4. S86/S96 S76 (M7600-24SFP/8GT M7600-48GT)

5.

6. boot debug
boot Open/Close boot/ctrl/main debug switch.

7.

1.

2.

3.

4.

5.

2.3

2.3.1

1. arp mac arp

2.

3.

4. SDebug Link
Sdebug

5. Console show interface
counters

, ping ,

6. sdebug Phy phy
SDebug

7.

```
DB>show counter /
DB>errshow /
DB>l3 defip show /    l3 defip
DB>l3 l3table show /   l3 host
DB>l3 intf show /     l3 interface
DB>l2 show /          l2
DB>console off /
```

15.

2.3.2

1. arp mac arp

2.

3. ,

3

3.1 Link

show interface status
Link

Link

LED

Linkdown

1.

shutdown



CISCO

9.

3.4

1.

2.

Bug

3.

Ctrl

Tftp

Tftp

4.

PC

tftp

PC

tftp

5.

tftp

PC

6.

Flash

Flash

7.

8.

ctrl

CRC

9.

Chassis

1.

2.

10.1

10.2

10.0

3.

Boot

Ctrl

Ctrl

Ctrl

3.5

- 1.
2. LED
3. PC
4. PC
 Console
- 5.
6. RGNOS 10.X @@@@@
- 7.
- 8.
9. .

3.6

- 1.
2. Console @@@@@
3. Power Status
- 4.
- 5.
- 6.
7. Boot Ctrl

8.

9.

3.7

1.

2.

3.

4. Console

5.

7.



off,

full

1000M

auto

8.

9.



:

,

PSE4000,2000W

FAIL



1.



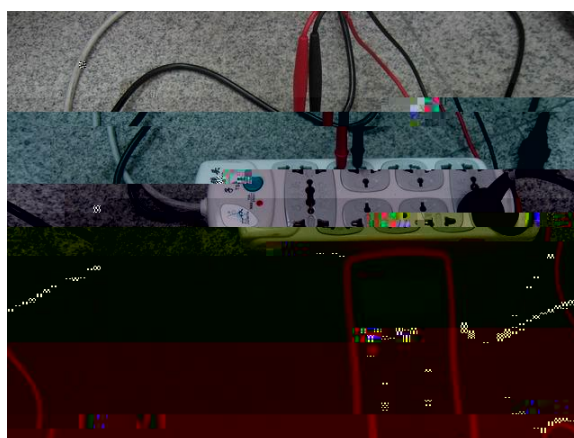
4.1.3



200-240V

176V-264V

2.



3.

4.



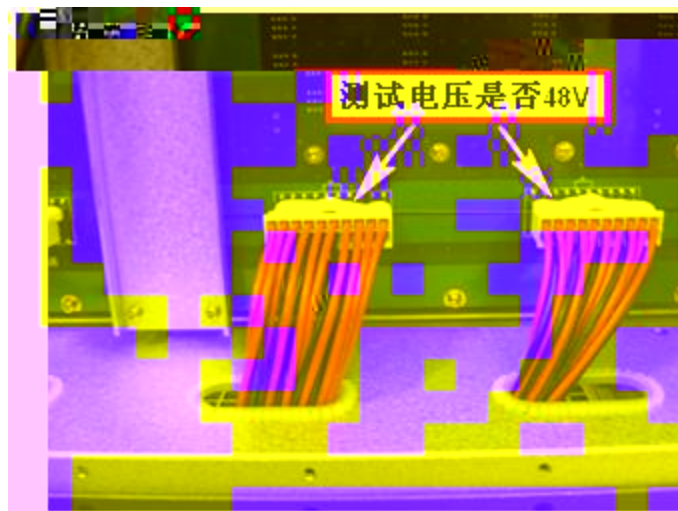
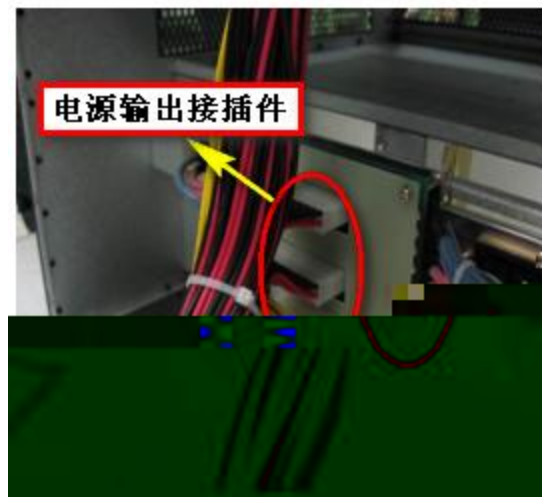
1.

48V

2.

a.

b.



C.

3.

IN OUT Fail

4.

IN OUT

FAIL

5.

IN FAIL OUT

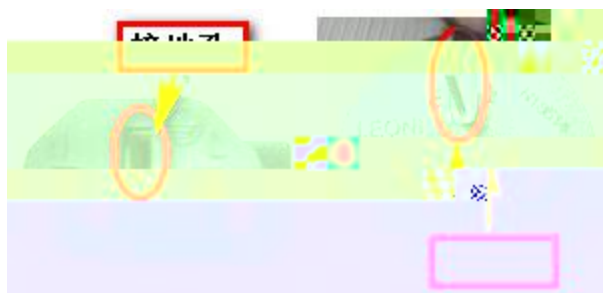
IN FAIL OUT
show power

Link and no power

6.

100V

0



0



4.2 DC-DC

4.2.1

DC-DC

RG-PD1200-I	1200W	
RG-PD1200	1200W	S86/96
RG-PD2000	2000W	S86/96

2. IN OUT FAIL

3. IN OUT FAIL

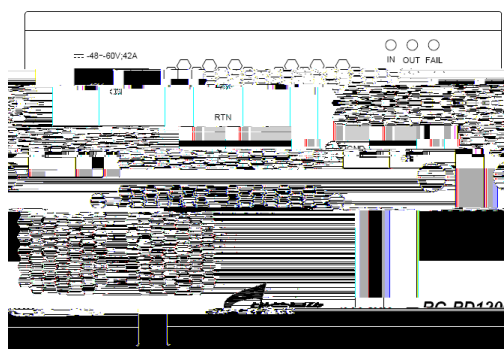
48V

4. IN FAIL OUT

IN OUT FAIL



PD1200



4.2.2 1200W PD1200

4.3 PSE4000

S76 POE

PSE4000

PSE4000

PSE4000

4.4

S19/S20/S21/S23/S26/S29/S32/S37/ S57

/

1.

2.

3.

200-240V

4.

4.5 DC-DC

1.

2.

3.

200-240V

4.

5

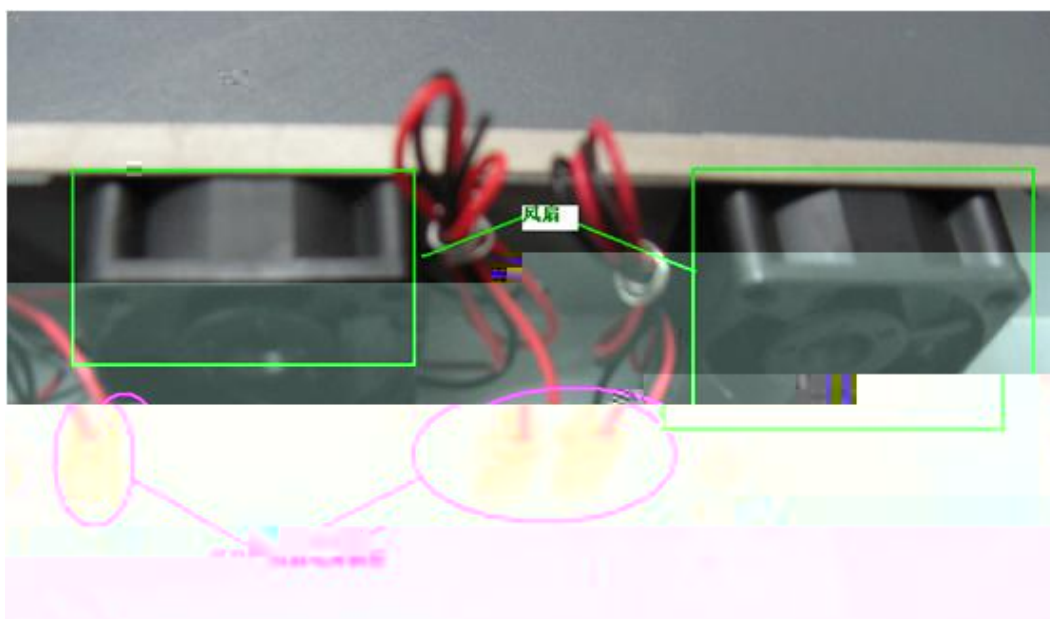
1U

1.5U

S65 S66 S68 S76 S86

5.1

5.1.1



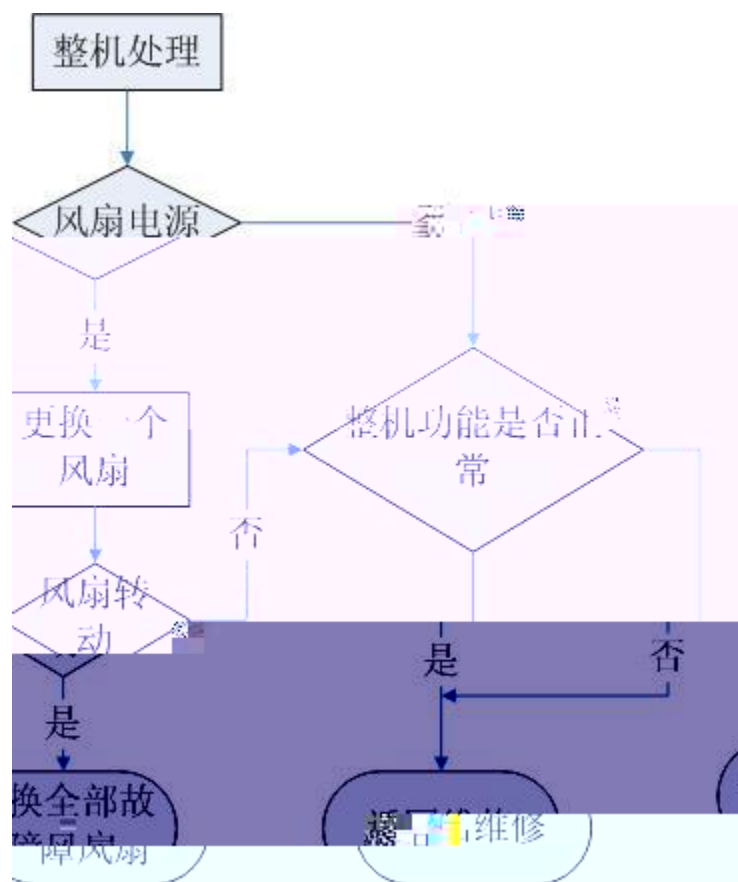
5.1.1

1.

2.

3.

5.1.2



5.1.2

1.

- 3.
- 4.
- 5.

51

power

alarm



5.1.3

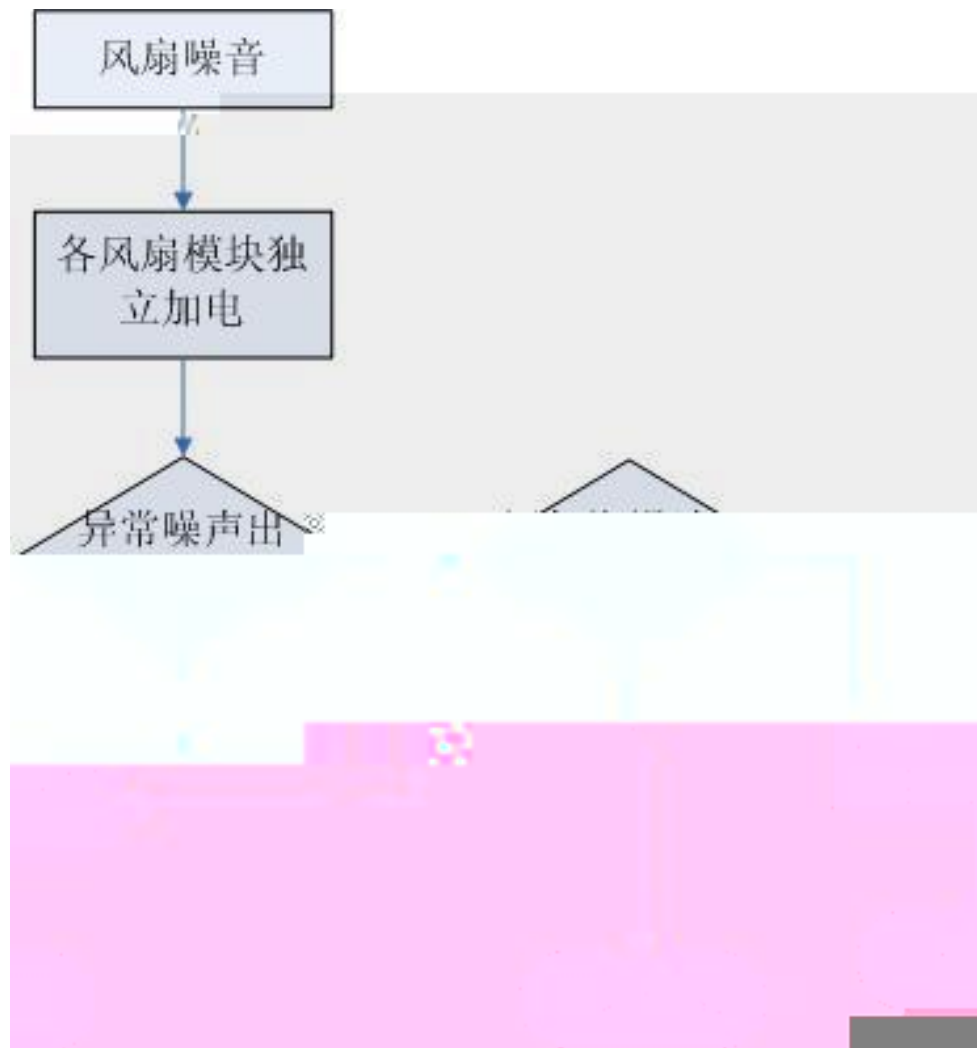
Power

Power

Alarm

Alarm

Power



5.1.4

1U

1.5U

6

6.1

SFP,XFP,XENPAK

ESD ElectroStatic Discharge

ESD

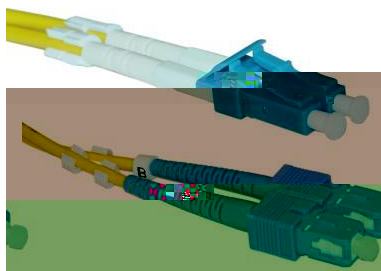
ESD

,

6.1.1

SC

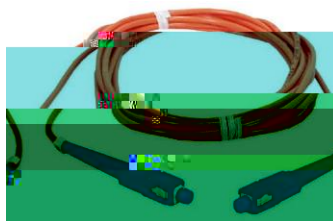
LC



6-1

LC

SC

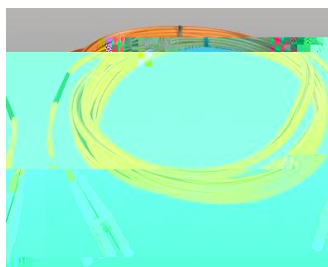


6-2

SC

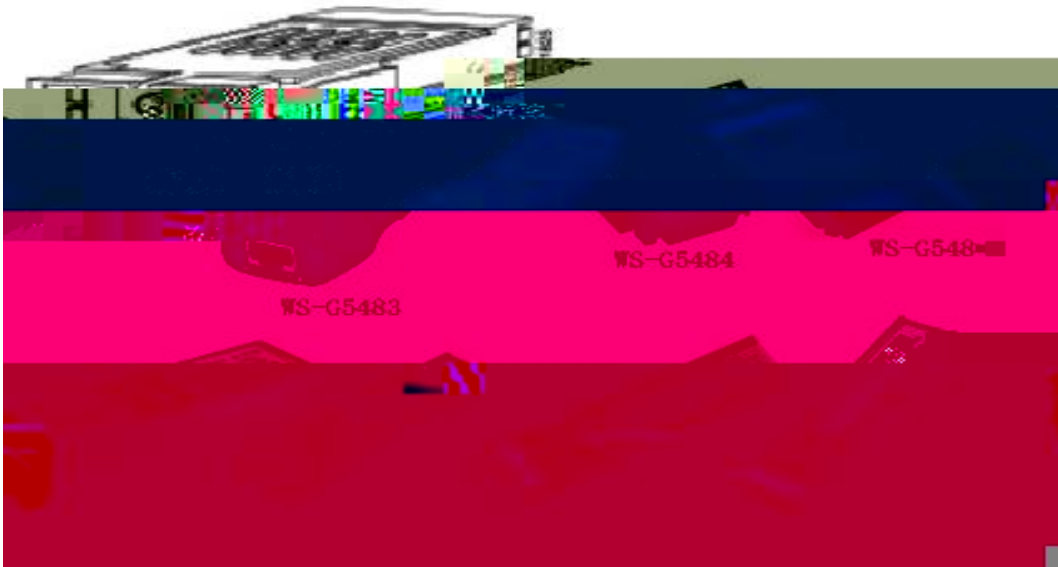


6-



6-5 LC





6-7 GBIC SFP mini GBIC



6-8 XFP



6-9 XENPAK

GBIC XENPAK XFP SFP
SFP
(FE-SFP-LX-MM1310)

6.1.3

1.

a,

0.5km

50m

b,



a

a

2.

3.

4.

TX RX

6.2

6.2.1

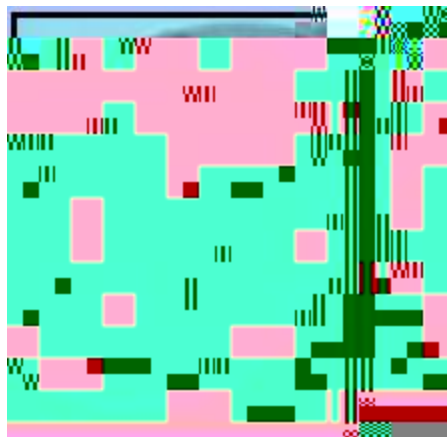
1.

A.

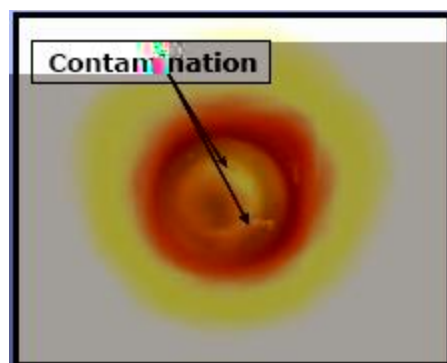
B.

C.

D.



6-4



6-5

2. ESD

ESD ElectroStatic Discharge " " 1ns
 ps ESD Kv/m ESD

ESD ESD ESD

A. ESD

B.

6.2.2

1.

2.

3.

4.

5.

6.



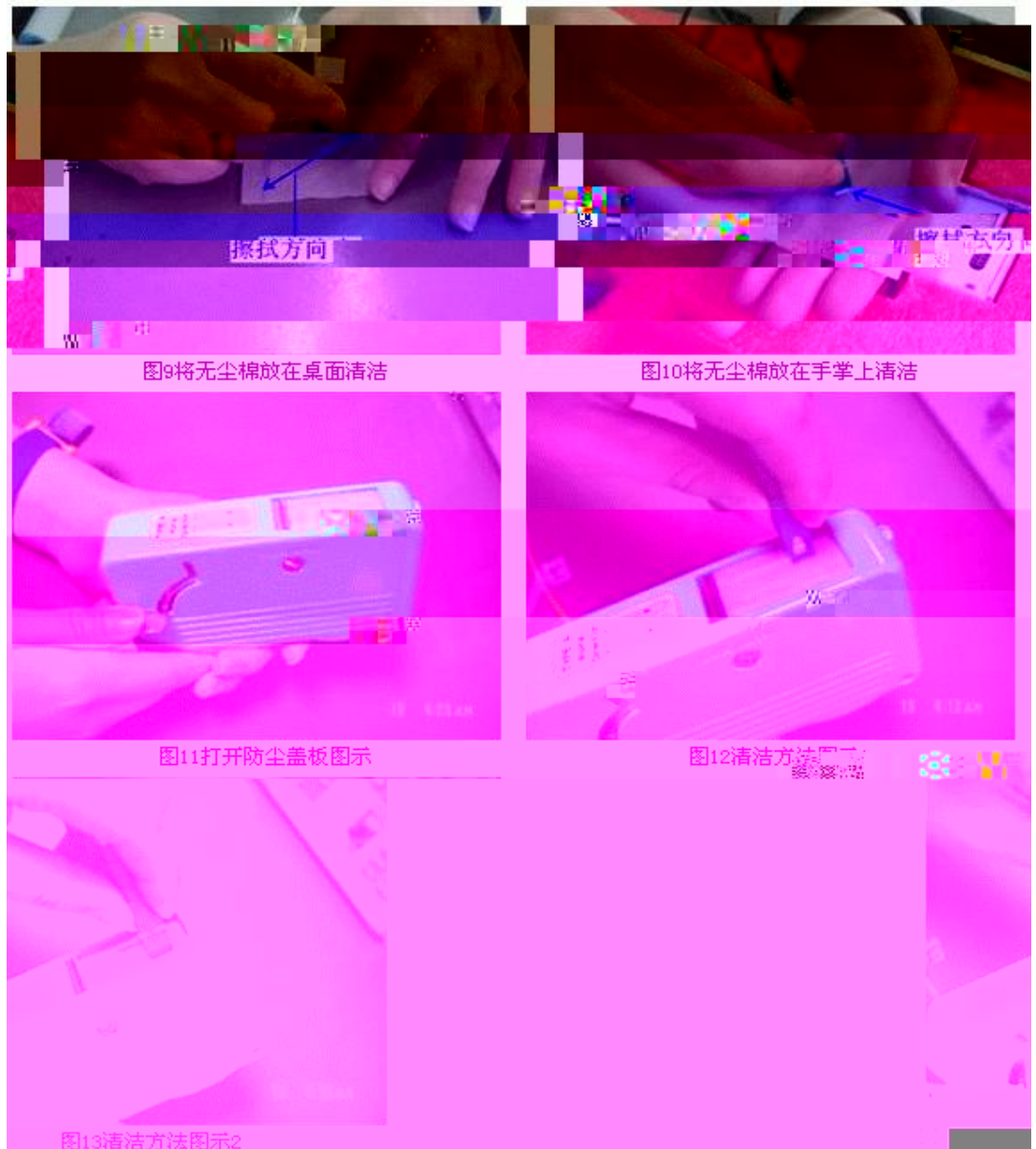
1.

2.

1.

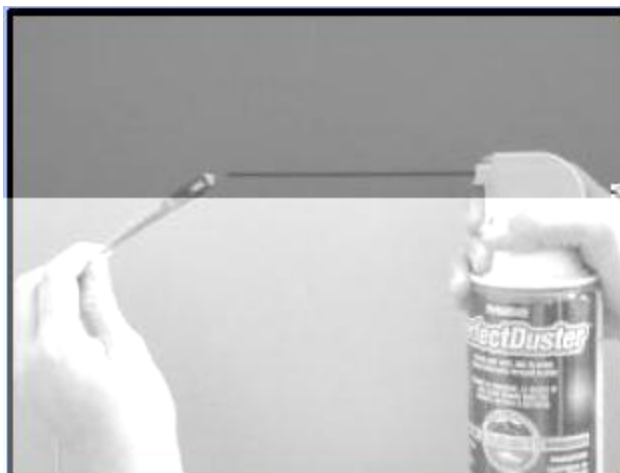
4

11 13
360



2.

25



6-6

6.2.3

1. 30 75 RH
- 2.
- 3.
- 4.
- 5.

6.2.4

- 1.
- 2.
- 3.

4.

5.

6.

7.

90

8.

9.



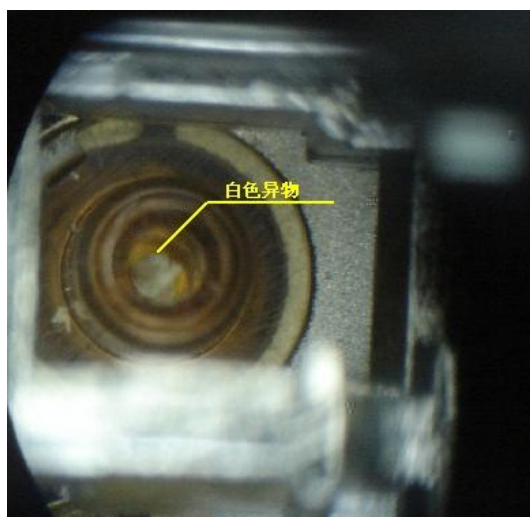
6.3

LED

1.

2.

LINK



6-7

- 3.
- 4.
- 5.

6.4

6.4.1

1. 30mm 90
- 2.

- | | | | | |
|----|------|------|------|------|
| 5. | 40km | 15km | 5dB | 15km |
| 6. | 80km | 40km | 20dB | 40km |