

RG-NBR2000

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1. NBR

1.1 NBR2000



1-6 RG-NBR2000

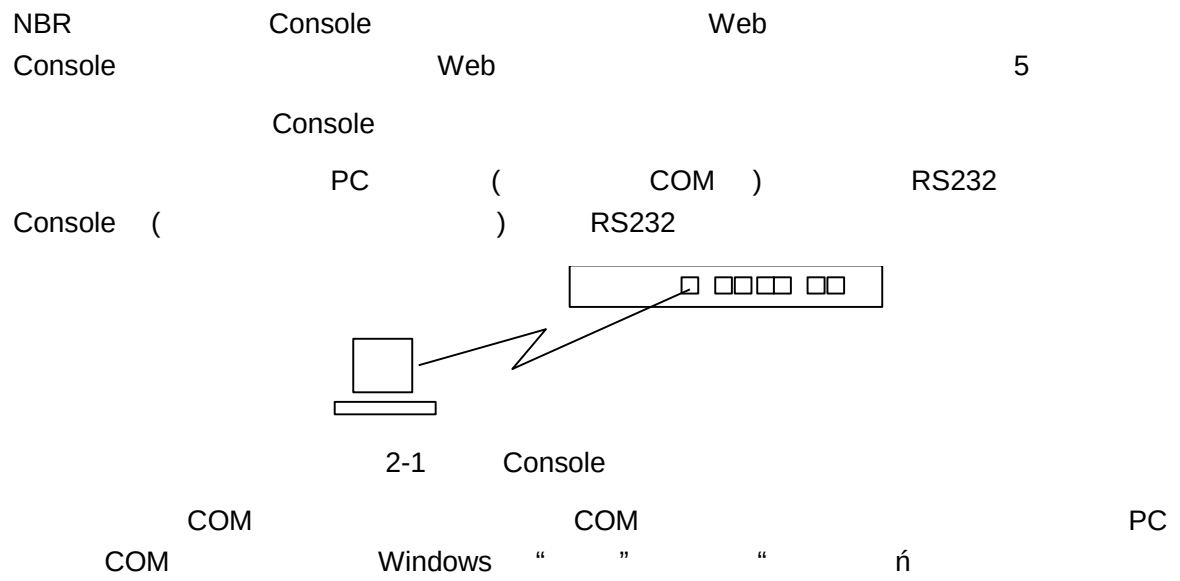
NBR2000

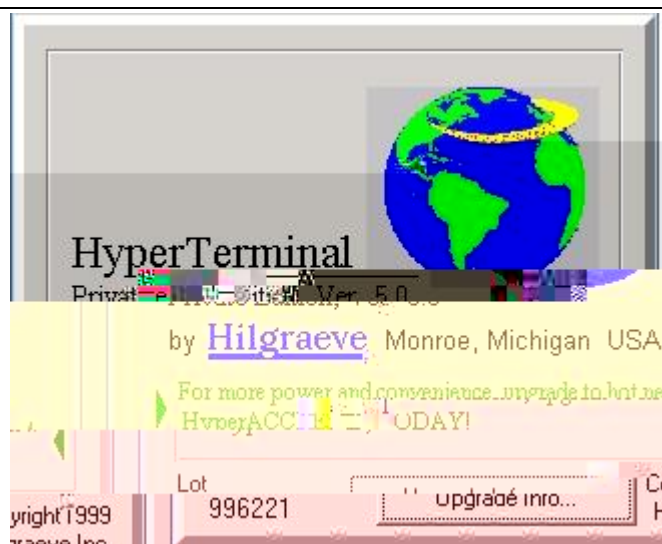
	NBR2000			
WAN	1	10/100	RJ45	Auto MDI/MDIX
	1	10/100/1000M	RJ45	Auto MDI/MDIX
LAN	1	10/100/1000M	RJ45	Auto MDI/MDIX
	1	Console		
	1	<5s		
		>5s		
	1	“ Status ”		
	4	CPU		
(W × H × D)	437mm × 43.6mm × 268mm			
	200-240V~;50Hz			
	30W			
	0 45			

NBR

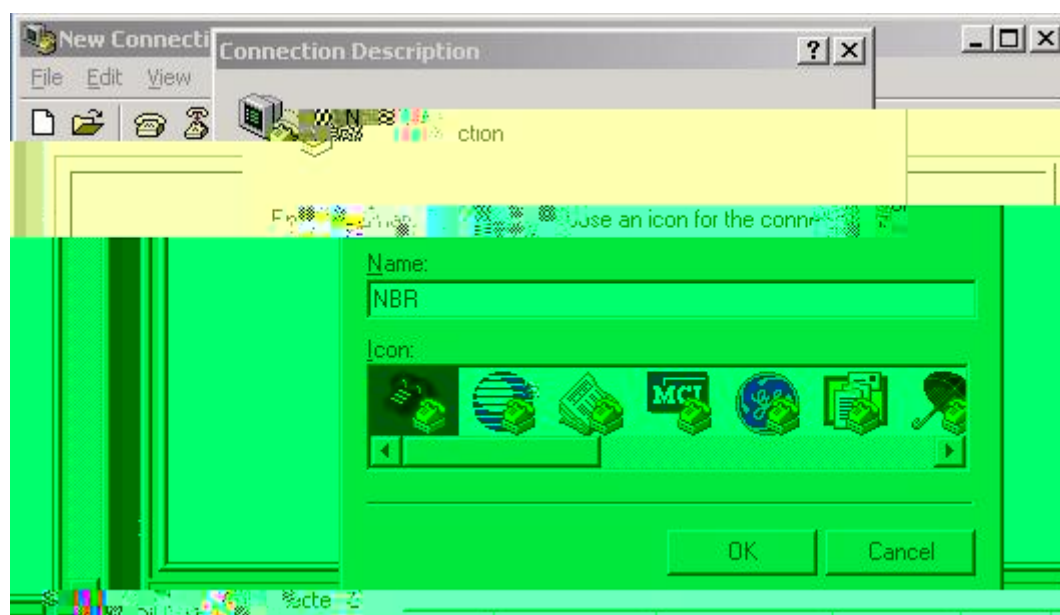
	-40 70
	10 90%RH

2.



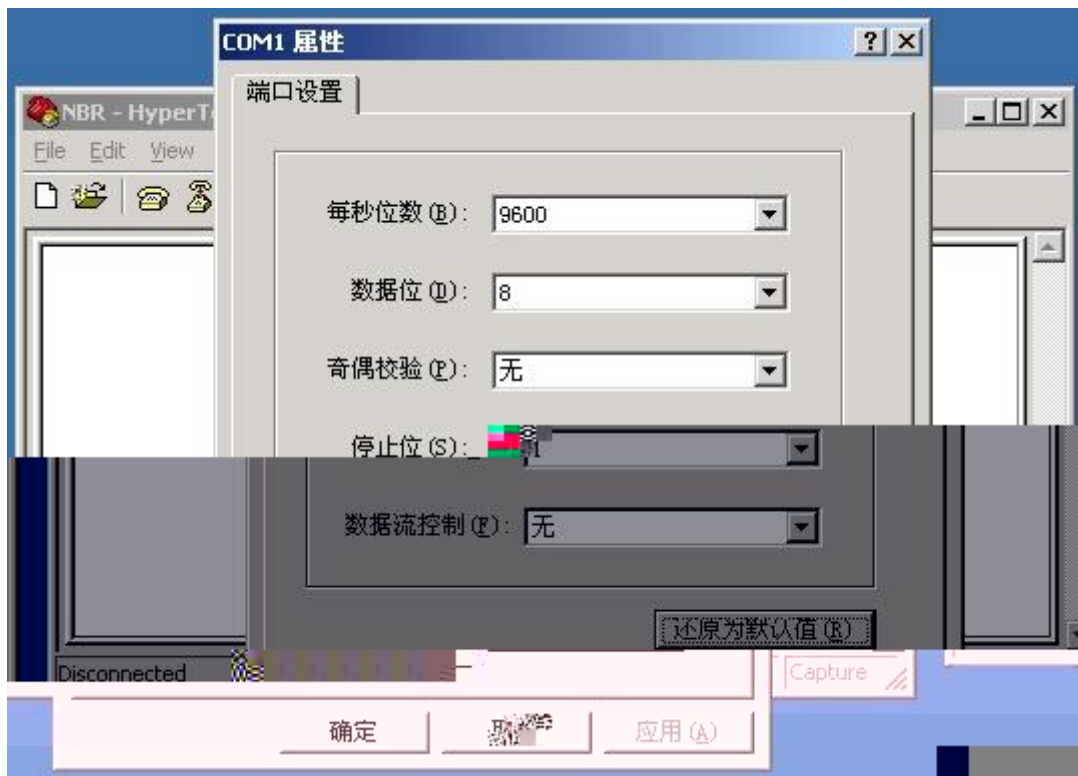


2-3



2-4

2-5 Console PC
PC COM1 NBR Console COM1



2-6 PC

Console

9600Bit/S

8

1

3.

3.1

-
-



A

3.2

3.3

-
-
-
-

	NBR80	NBR2000
“ Status ”	NBR2500/NBR3000	“ SYSTEM ”
NBR1100E/NBR1200/NBR1200G/NBR1100G		“ ”
	Console	

4.

WEB

Console

enable

enable

NBR>

NBR>enable

Password:

<=

NBR# setup

<=

setup

NBR

setupNBR **RGOS**

CD-ROM

RGOSwww.ruijie.com.cnNBR **setup**


```

1.
2.
3.
    (1 - 3)[3]:
        [yes]:
WAN    ping    [no]:
        IP      [no]:

        DNS      (DNS    )[no]:

        :
        :
        :admin
telnet      :remoteuser
        :
WAN 0:      IP
        : 218.5.19.2 255.255.255.0
        :218.5.19.1
NAT          :
        : 100 Mbps
        :
        : 192.168.0.1 255.255.255.0
        ARP: 1 Seconds
        :
        : LAN0          : LAN3
        :
        :
        :
WAN    ping    :
        DNS      (DNS    ):
        [yes]:

LAN    IP          telnet LAN    IP          !

!
.
NBR1#show running-config
Building configuration...
Current configuration : 1962 bytes

!
version 9.17 (building 9) for NBR
enable password 7 073f07221c1c
!
access-list 3198 deny tcp any any eq 135
access-list 3198 deny tcp any any eq 445
access-list 3198 permit ip any any
access-list 3199 deny icmp any any echo
access-list 3199 deny tcp any any eq 135
access-list 3199 deny tcp any any eq 445
access-list 3199 permit ip any any
access-list 99 permit any
dialer-list 1 protocol ip permit
mirror master lan 0 slave lan 3 all
!
!
!
service sequence-numbers

```

NBR

```
service timestamps debug datetime
service timestamps log datetime
no service password-encryption
!
interface FastEthernet 0/0
 ip nat inside
 ip access-group 3198 in
 no ip redirects
 no ip mask-reply
 no ip proxy-arp
 ip address 192.168.0.1 255.255.255.0
 arp gratuitous-send interval 1 5
!
interface FastEthernet 1/0
 ip nat outside
 ip access-group 3199 in
 no ip redirects
 no ip mask-reply
 no ip proxy-arp
 ip address 218.5.19.2 255.255.255.0
 duplex auto
 speed auto
!
interface FastEthernet 1/1
 duplex auto
 speed auto
 shutdown
!
interface Null 0
!
ip nat pool nbr_setup_build_pool prefix-length 24
 address 218.5.19.2 218.5.19.2 match interface FastEthernet 1/0
!
ip nat inside source list 99 pool nbr_setup_build_pool
ip nat translation max-entries 7000
ip nat translation per-user 0.0.0.0 1000
ip nat translation udp-timeout 150
ip nat translation icmp-timeout 30
ip nat translation tcp-timeout 600
ip nat translation finrst-timeout 20
ip nat translation dns-timeout 30
security anti-wan-attack level high
security anti-lan-attack
!
ip route 0.0.0.0 0.0.0.0 FastEthernet 1/0 218.5.19.1
!
line con 0
line vty 0
 login
 password 7 110022081d5e0834012e3e
line vty 1
 login
 password 7 072c06221a062210014f1f
line vty 2
 login
 password 7 093d101f2811175f1e2400
line vty 3
 login
 password 7 050a03330c3b1007340000
line vty 4
 login
 password 7 08112a181d330007590833
```

!
!
end

4.2 PPPoE

ADSL

Internet

```

:
1. IP
2. PPPoE
3. DHCP IP
   (1 - 3)[1]:
   PPPoE :
   PPPoE :pppoepassword
   ISP Mbps (1-100)[ 100]:

: telnet LAN IP
LAN
LAN IP[192.168.0.1]:
LAN [255.255.255.0]:
ARP[yes]:
      (1 - 3600)[1]:
1      (1 -100)[5]:
      [no]: NBR

      [yes]:
      [yes]:

:
1.
2.
3.
   (1 - 3)[3]:
   [yes]:
WAN ping [no]:
   IP [no]:

   DNS (DNS ) [no]:

:
:
:
telnet :
:
WAN 0:
:
:
: 100 Mbps
:
: 192.168.0.1 255.255.255.0
ARP: 1 Seconds
:
:
:
WAN ping :
DNS (DNS ):
[yes]:

```

!

NBR#show running-config


```

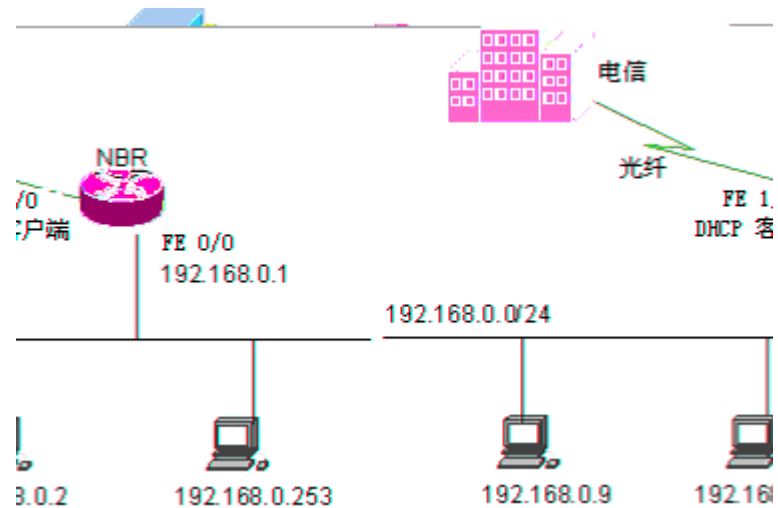
!
interface Null 0
!
!
ip nat pool nbr_setup_build_pool prefix-length 24
address interface dialer 0 match interface dialer 0
!
ip nat inside source list 99 pool nbr_setup_build_pool
ip nat translation max-entries 7000
ip nat translation per-user 0.0.0.0 1000
ip nat translation udp-timeout 150
ip nat translation icmp-timeout 30
ip nat translation tcp-timeout 600
ip nat translation finrst-timeout 20
ip nat translation dns-timeout 30
security anti-wan-attack level high
security anti-lan-attack
!
ip route 0.0.0.0 0.0.0.0 dialer 0
!
line con 0
line vty 0
login
password 7 04220b032c
line vty 1
login
password 7 1000012217
line vty 2
login
password 7 08163c1000
line vty 3
login
password 7 072b102a07
line vty 4
login
password 7 050d153b11
!
!
end

```

NBR WAN PC
 LAN

4.3 DHCP IP

WAN Internet
 192.168.0.1 DHCP
 Internet
 LAN IP LAN
 NAT



4-3 DHCP IP

NBR (NBR1200)

NBR >enable

!

NBR#setup

ctrl-c

'[]'

:

[NBR]:

:

telnet

WAN (1- , 2 - , 3- ,) [1]:

internet WAN :

0. WAN 0

1. WAN 1

(0 - 1) [0]:

:

1. IP

2. PPPoE

3. DHCP IP

(1 - 3) [1]: 3

ISP Mbps (1-100) [100]:

ARP[no]:

: telnet

LAN IP

LAN

LAN IP[192.168.0.1]:

LAN [255.255.255.0]:

ARP[yes]:

(1 - 3600) [1]:

1

(1 -100)[5]:

[no]:

NBR

[yes]:

[yes]:

:

14x1.0 4x1

```
access-list 99 permit any
dialer-list 1 protocol ip permit
!
service sequence-numbers
service timestamps debug datetime
service timestamps log datetime
no service password-encryption
!
interface FastEthernet 0/0
 ip nat inside
 ip access-group 3198 in
 no ip redirects
 no ip mask-reply
 no ip proxy-arp
 ip address 192.168.0.1 255.255.255.0
 arp gratuitous-send interval 1 5
!
interface FastEthernet 1/0
 ip nat outside
 ip access-group 3199 in
 no ip redirects
 no ip mask-reply
 no ip proxy-arp
 ip address dhcp
 duplex auto
 speed auto
!
interface FastEthernet 1/1
 duplex auto
 speed auto
 shutdown
!
interface Null 0
!
!
ip nat pool nbr_setup_build_pool prefix-length 24
 address interface FastEthernet 1/0 match interface FastEthernet 1/0
!
```

```
security anti-wan-attack level high
security anti-lan-attack
!
!
line con 0
line vty 0
  login
  password 7 131717470235173e3f0057
line vty 1
  login
  password 7 04251d0b31172a00012217
line vty 2
  login
  password 7 0132464e380c032b102a07
line vty 3
  login
  password 7 08112a181d330007590833
line vty 4
  login
  password 7 03513215092a063a061735
!
!
end
```

5. Web

Web

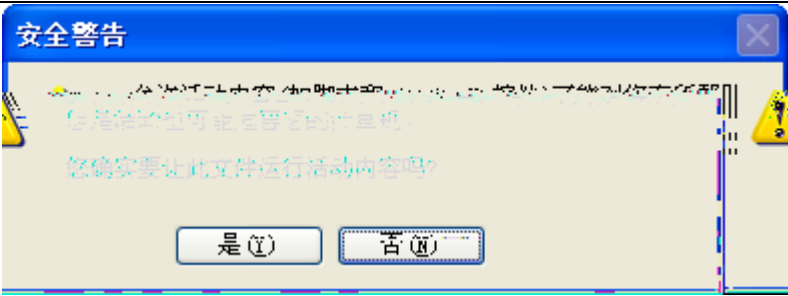
CD-ROM

5.1 Web

LAN

WAN

IP

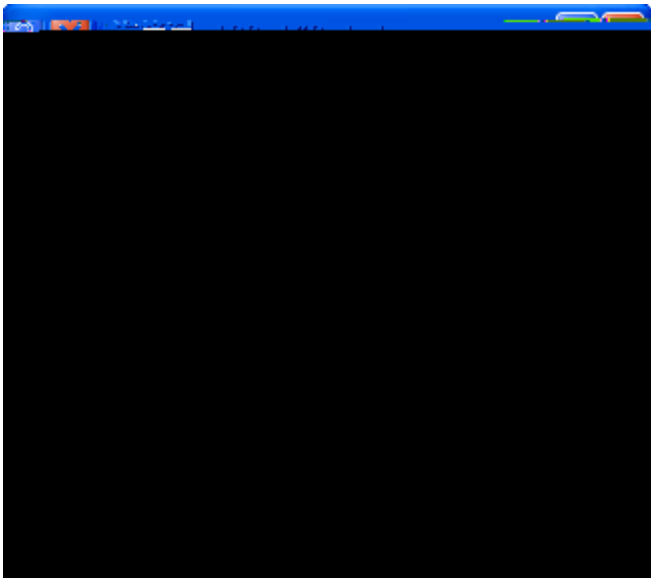


5-2 “ (Y) ”

“ WEB ” “ ”

WEB

admin



5-3

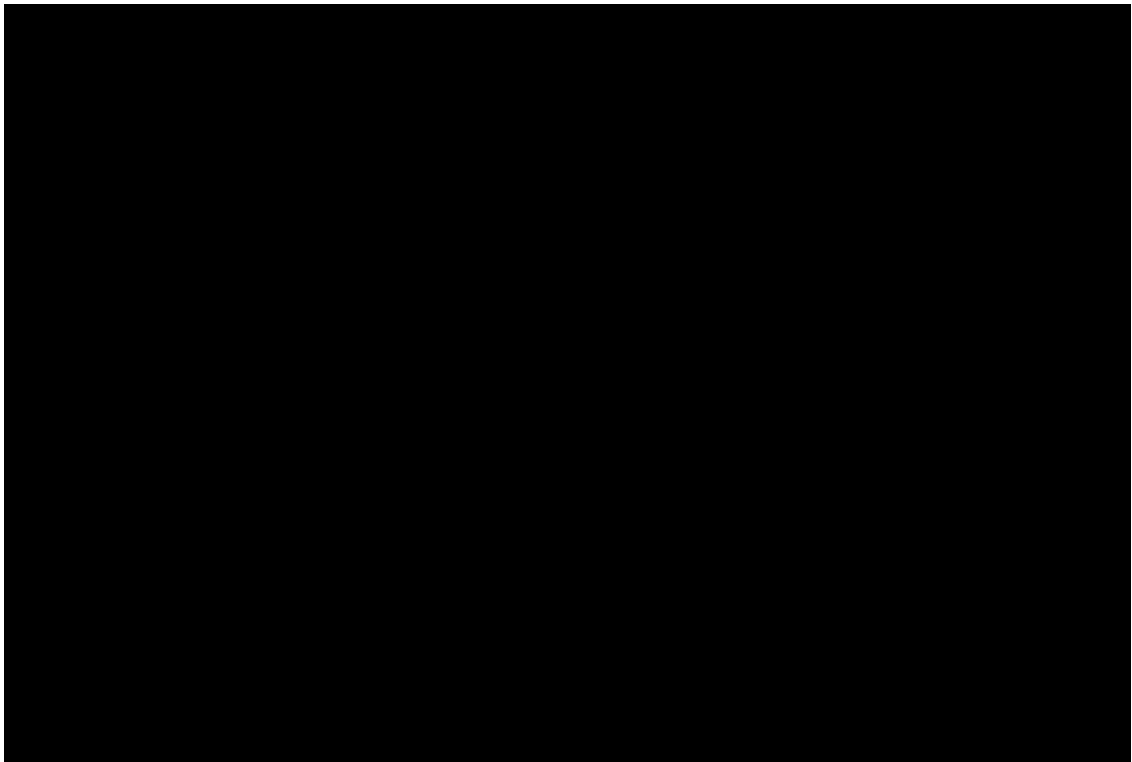
web flash web htm js

“ ” “ WED ”

Web

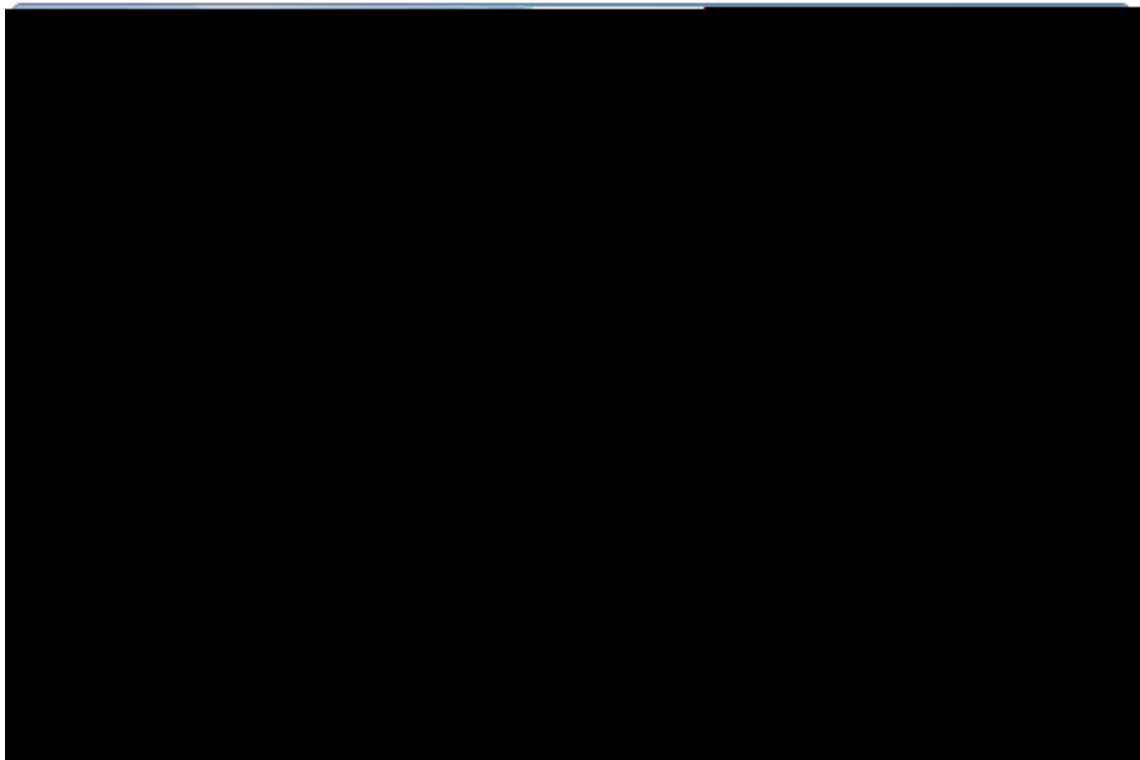
5.2

NBR
NBR



5-4

“ ” LAN



5-5 LAN

LAN IP “ ” WAN IP Web

LAN IP LAN IP

快速配置

第一个外网口 (WAN0) 配置

请填写电信或网通等运营商提供的信息

线路类型

线路带宽 Mbps (有效值1-1000) *

线路运营商 ☐ 电信 ☐ 网通

其他 *

上一步 下一步

5-7 WAN0 IP

“ PPPoE ”

快速配置

第一个外网口 (WAN0) 配置

请填写电信或网通等运营商提供的信息

线路类型

用户名

密码

线路带宽 Mbps (有效值1-1000) *

上一步 下一步

5-8

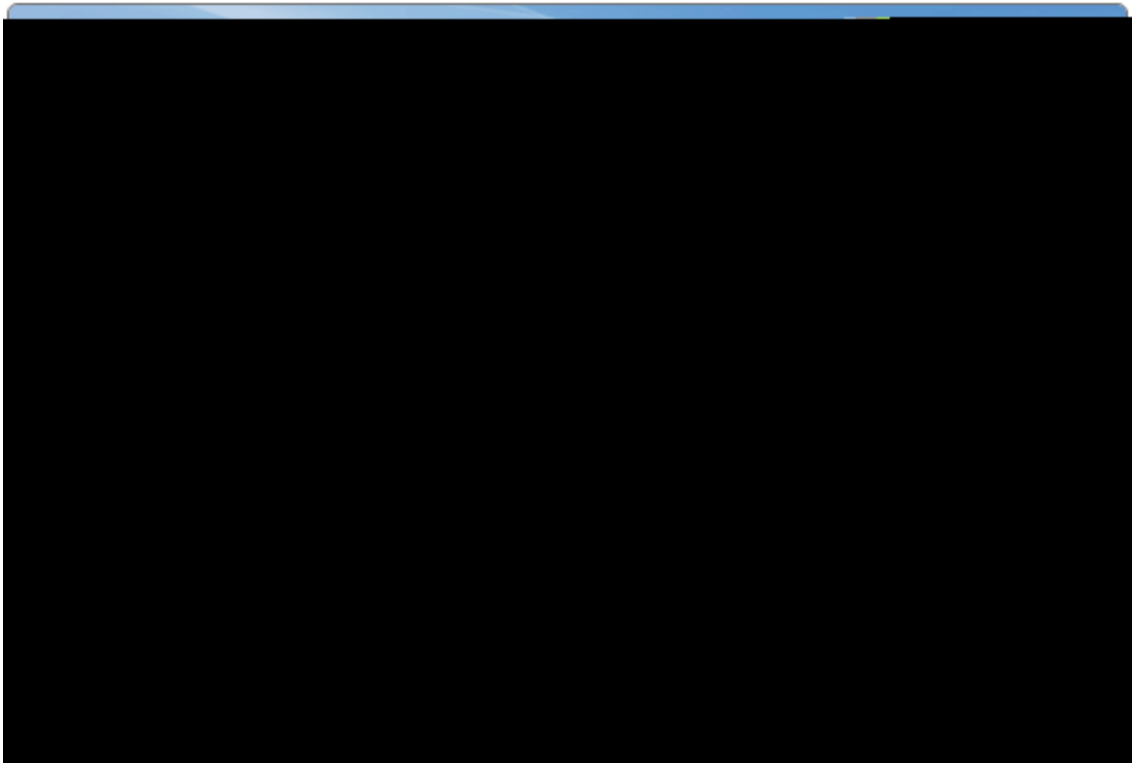
ADSL

1-1000M

WAN0

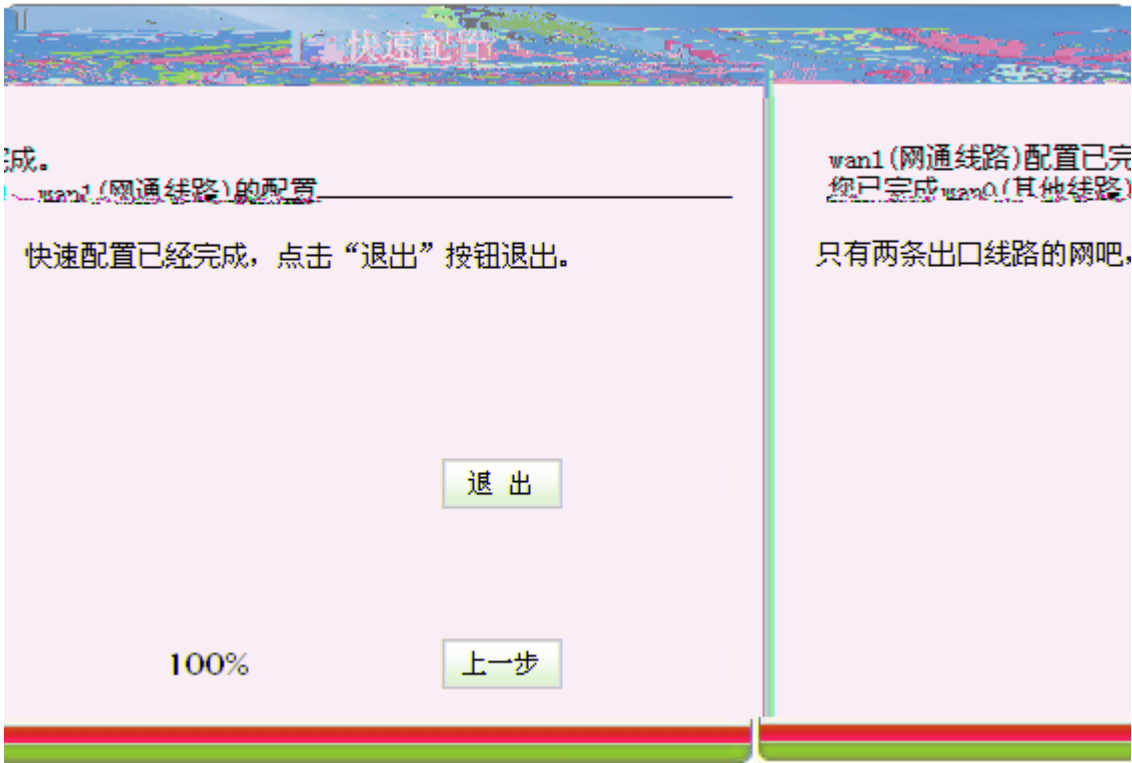
“ ”

WAN0



5-9 WAN0 PPPoE

WAN0			WAN1	“	(wan1)”
	“	”	“	”	
	LAN	IP			IP
					Web
		WAN	WAN1		
				WAN	WAN

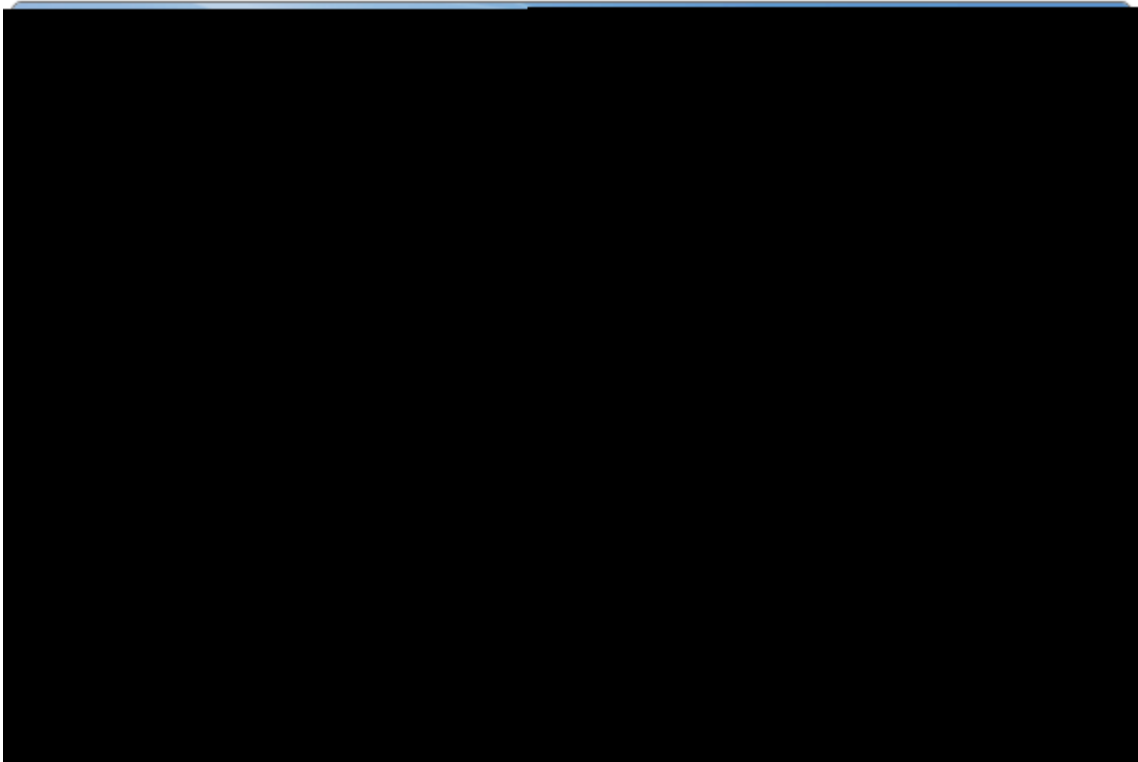


5-10 WAN

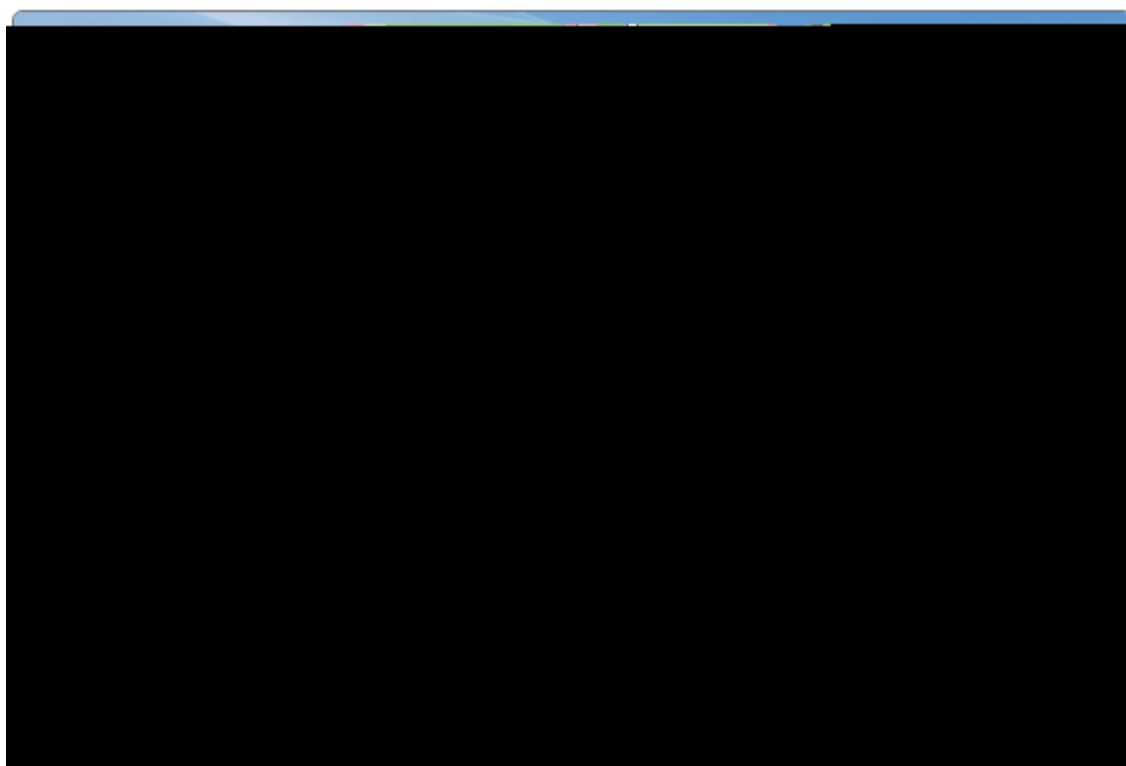
WAN

“ ”

WAN



5-11



5-12

LAN IP

IP

Web

6. NBR

NBR

NBR

NBR

3

4

GB50174-93

4

4

5

6.2

6.2.1

IN OUT

1 WAN



6-1 WAN

- i. ADSL Modem NBR ADSL Modem
IN NBR WAN OUT
- ii.
- iii.
- iv. ADSL Modem NBR

2 LAN



6-2 LAN

- i. NBR
- ii. IN NBR LAN OUT
- iii.
- iv.
- v. NBR NBR

6.2.2

RJ45