RG-NBR3000

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6.2.1 30
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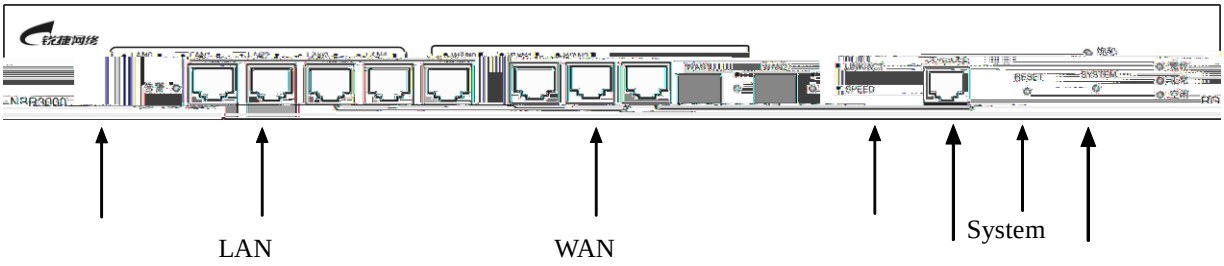
1. NBR

1.1 NBR3000



1-8 RG-NBR3000

NBR3000

NBR3000

	30W

[redacted]

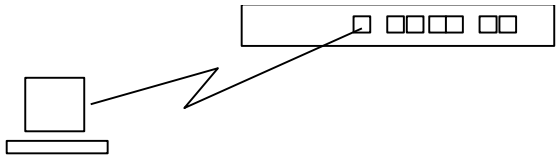
[redacted]

2.

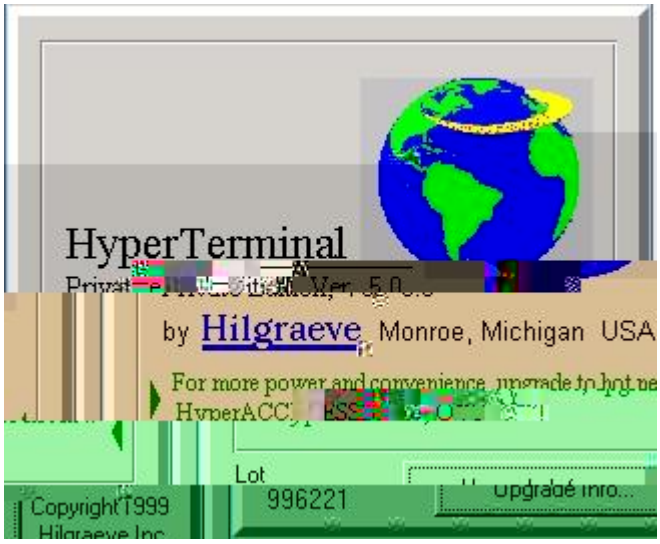
NBR Console Web
Console Web 5

Console

PC (COM) RS232
Console ( ) RS232



COM COM PC
COM Windows “ ” “ ” Windows
2000 Server COM


HyperTerminal
by Hilgraeve Monroe, Michigan USA
Lot
996221
Copyright 1999

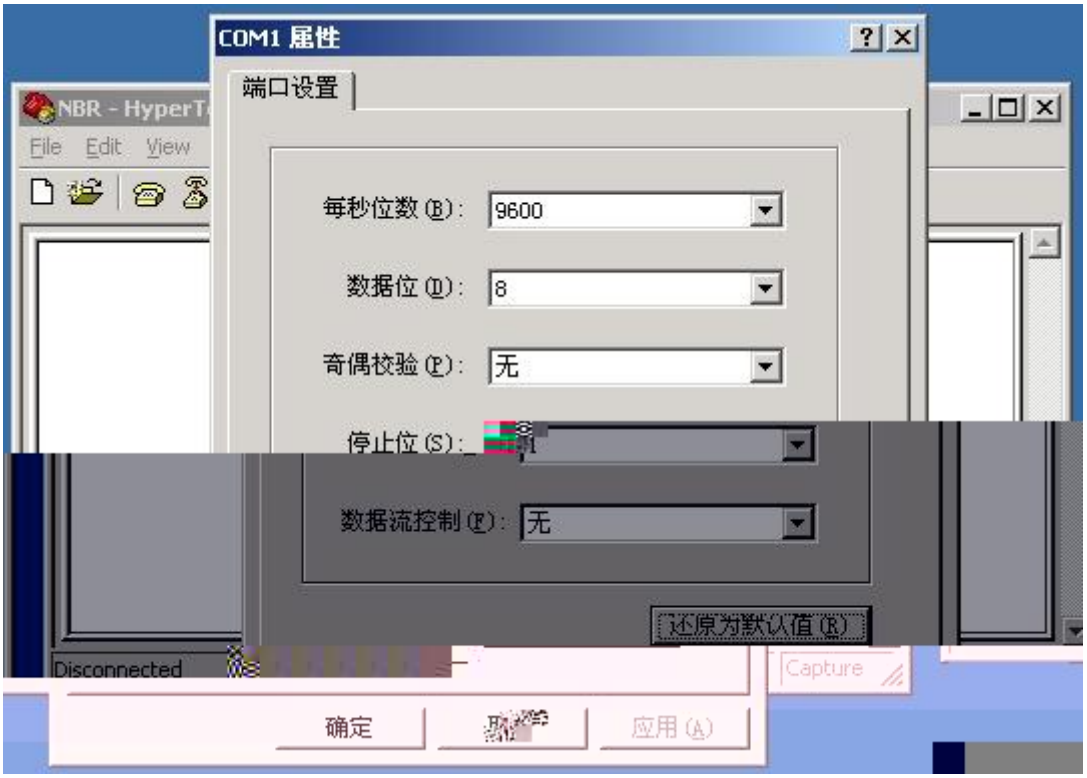
2-3

New Connecti
File Edit View
Connection Description

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 ***setup***

NBR ***RGOS*** CD-ROM

RGOS

www.ruijie.com.cn

NBR ***setup***

```
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
```

PC

NBR WAN LAN

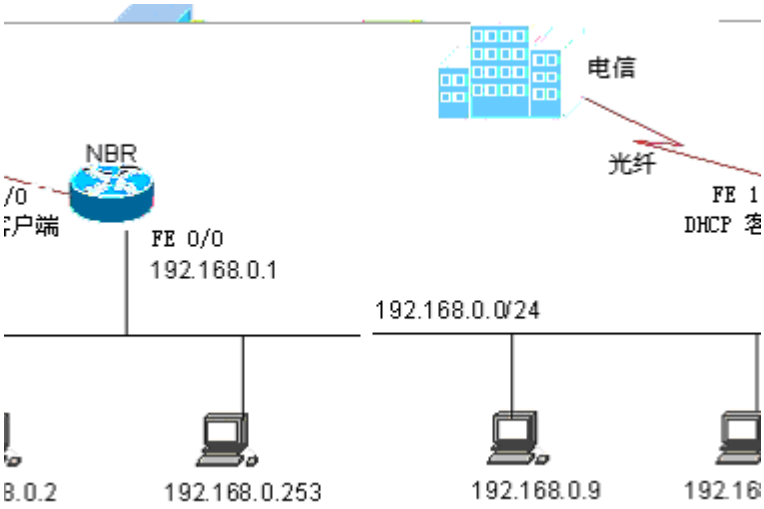
4.3 DHCP IP

Internet

WAN WAN DHCP IP LAN

192.168.0.1 LAN WAN NAT

Internet



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]:

:

```
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
```

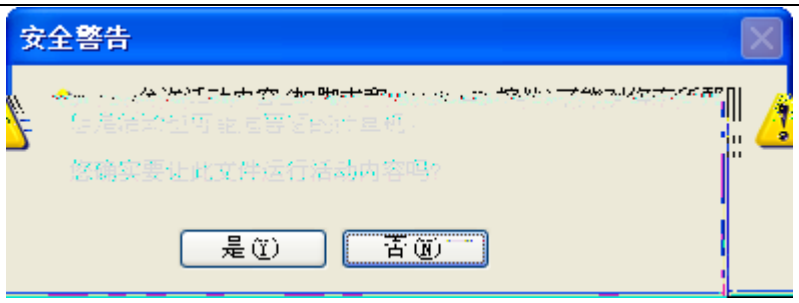
5. Web

Web

CD-ROM

5.1 Web

LAN WAN IP

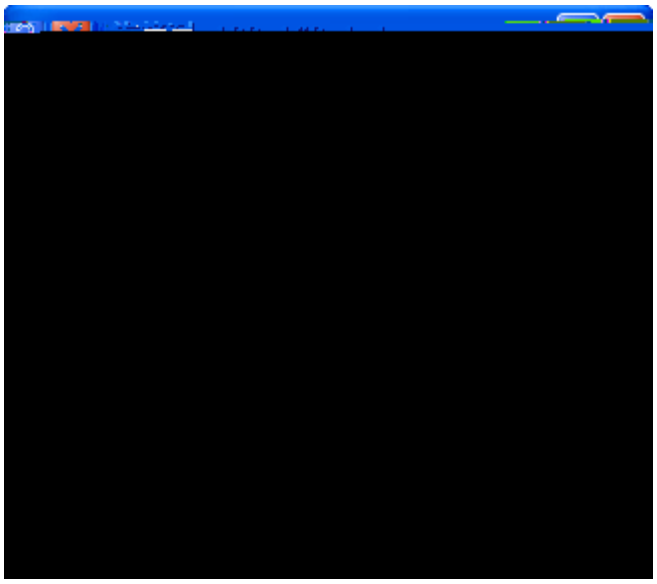


5-2 “ (Y) ”

“ WEB ” “ ”

WEB

admin



5-3

web flash web htm js

“ ” “ WED ”

Web

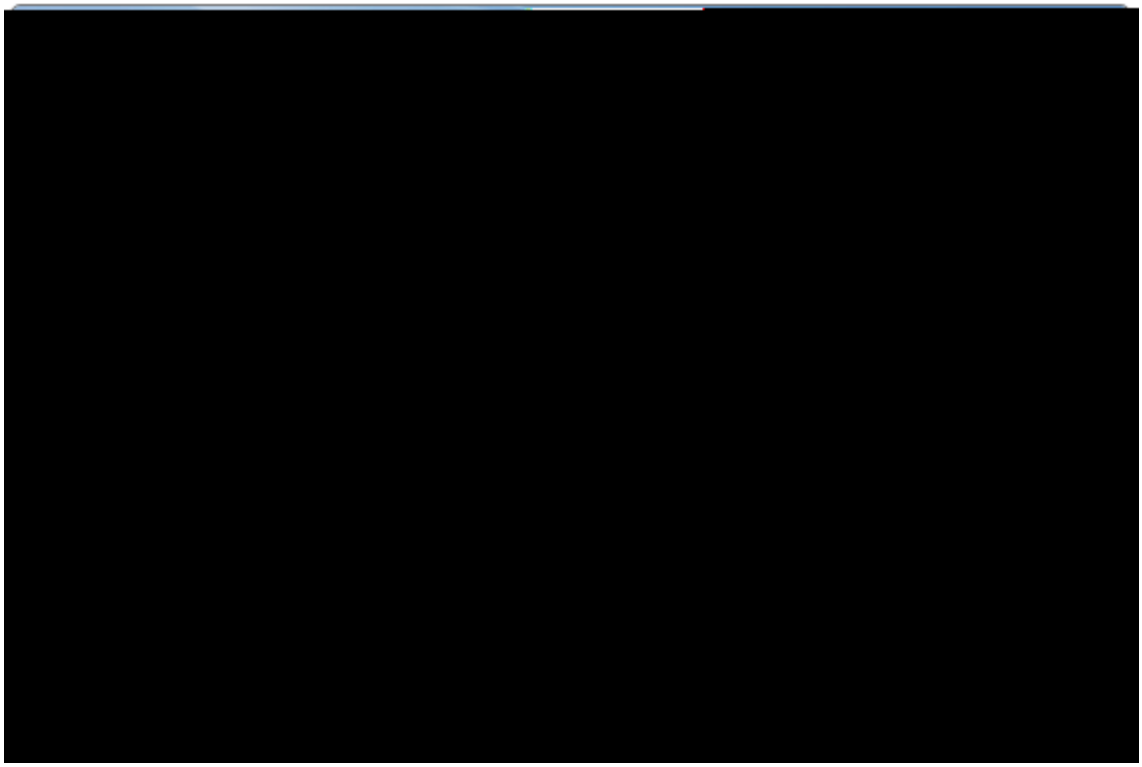
5.2

NBR

NBR

5-4

“ ” LAN



5-5 LAN

LAN IP “ ” WAN

LAN IP IP Web

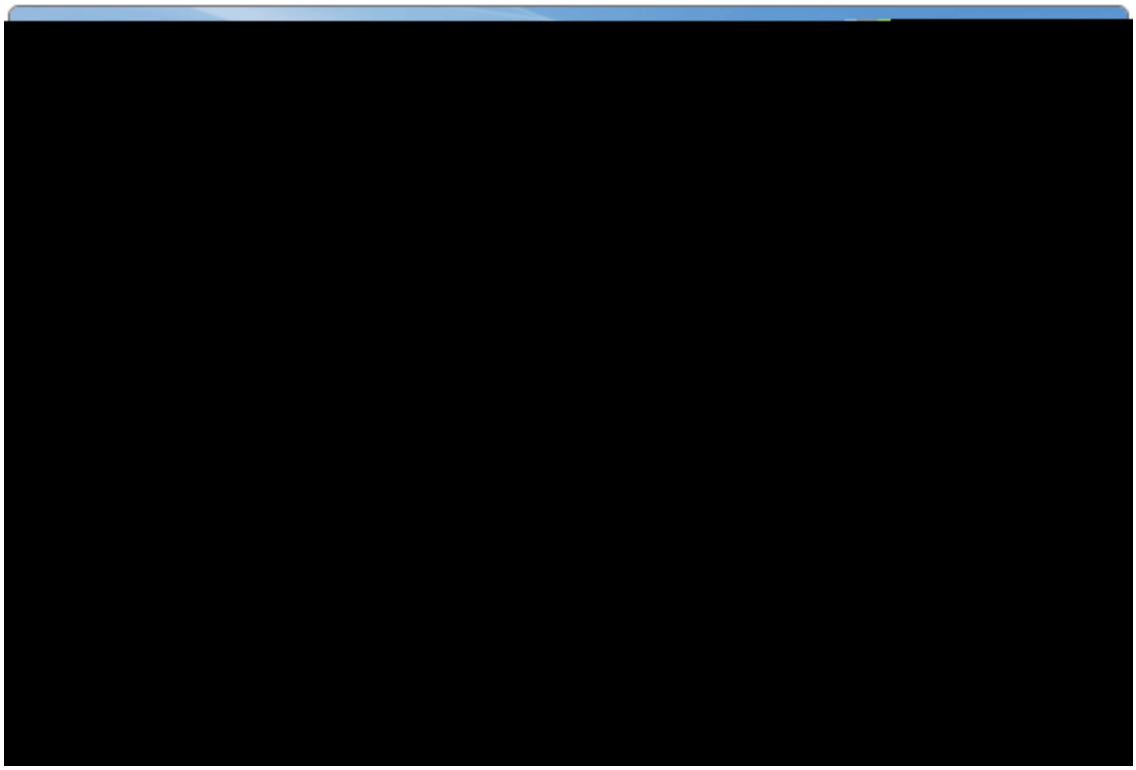
5-7 WAN0 IP

“ PPPoE ”

5-8

ADSL 1-1000M

WAN0 “ ” WAN0

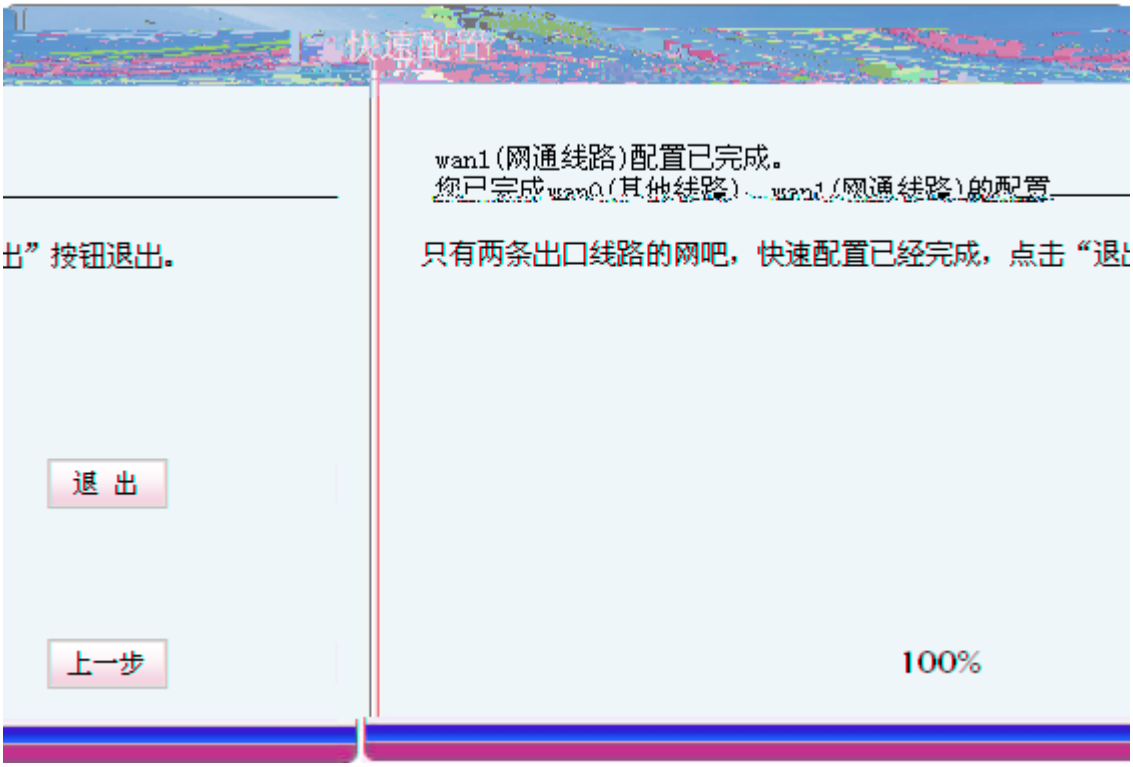


5-9 WAN0 PPPoE

WAN0 WAN1 “ (wan1) ”
“ ” “ ”

LAN IP IP Web

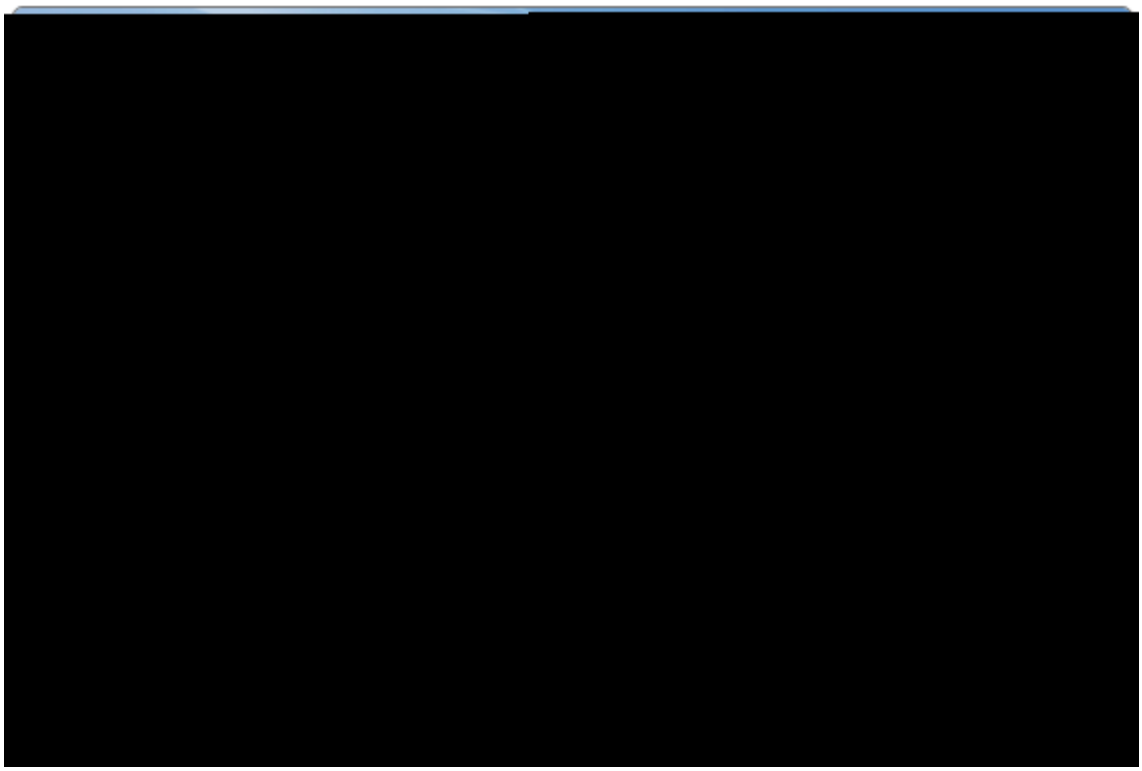
WAN WAN1 WAN WAN



5-10 WAN

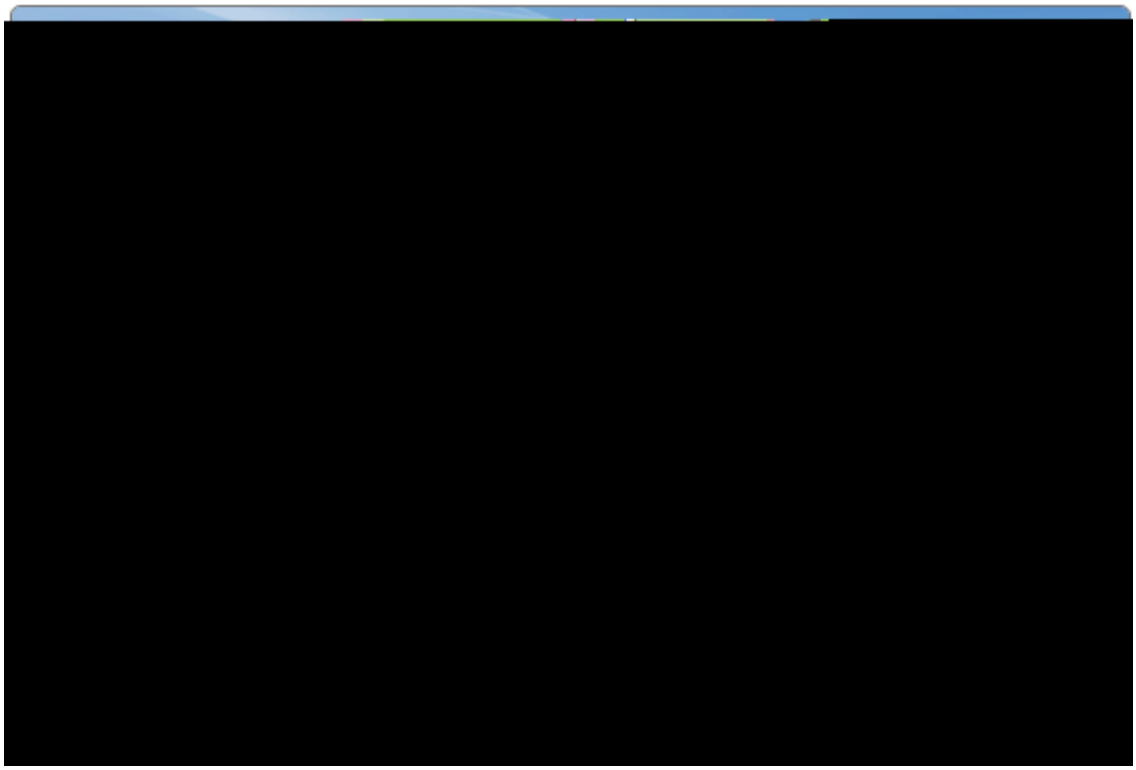
WAN “ ”

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. NBR
IN NBR LAN OUT

iii.

iv.

v. NBR NBR

6.2.2

RJ45