

INSTALLATION

2.1.1 Minimum System Requirement

- 512 MB/1GB (DDR 333/DDR 400 memory)
- Pentium IV(with 533/800 MHz system bus) or Faster CPU
- Serial ATA HDD 40 GB or Above (Recommended 7200 RPM)
- Two 10/100 Mbits/sec Ethernet Network Interface Card.
- Two Static IP address (Optional)
- One CD –ROM drive.
- Domain name for email server.

2.1.2 Installation Instruction

Insert the CD in the CD-Rom drive and Boot the system from the CD-Rom drive. [To boot from CD set the CD-Rom drive as First Boot Device in the BIOS] & Remove cables in Ethernet card.

Warning: -☞ All Your previous data will be lost when you Install SmartGuard.

After Inserting CD, Reboot your system. Quick Installation completes in 10 minutes.

Note: -☞ When Installation process is going on do not press any key from keyboard.

After successful installation the CD is ejected automatically.

Note: -☞ Now Remove the SmartGuard CD.

The system will reboot automatically.

When system restarts it will wait for the service ZZZ_httpd to start in the background for the first time as its installation process is going on. It takes **10-15 minutes**. This file execution time depends on your processor. Wait for completely execution of ZZZ_httpd file.

Note: -  Do not interrupt the process or use keyboard at that time.

When Installation completes it shows you the login screen

SmartGuard
Broadband Manager
Login:

Reboot your system again by pressing ctrl+alt+delete keys simultaneously.

When Reboot process is complete its shows you login screen again

SmartGuard
Broadband Manager
Login:

Here you type login name and press enter then type password and press enter

Login: root
Password: com123

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login as: root
root@192.168.10.9's password: █
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Note:-Password will not be displayed. [In fact no characters will be displayed.]

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                                TOOLS
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1.      WAN IP [ISP1] Configuration
2.      LAN IP Configuration
3.      WANIP [ISP 2] Configuration
4.      DEFAULT GATEWAY
5.      D.N.S [Domain Name Server]
6.      Backup All
7.      Database Backup
8.      Restore Database
9.      MRTG Generate
10.     Repair Database
11.     Cache Server Stop
12.     Cache Server Start
13.     Cache Server Restart
14.     User Watch
15.     Bandwidth Watch
16.     DISK SPACE
17.     Route Table
18.     Open WebSite [Check Internet]
19.     Ping
20.     Network Restart
21.     HTTP Restart
22.     Bandwidth Calculation stop
23.     Shutdown
24      Quit
        PRESS [CTRL+ C ]KEY for QUIT
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Enter Option?
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Type 1 for WAN IP configuration

[Example]

Enter here your WAN IP	202.122.51.190
Enter Subnet	255.255.255.248
Enter Gateway	202.122.51.185

Type 2 for LANIP configuration

	[Example]
Enter LAN IP	10.0.0.1
Enter Subnet	255.255.255.0

Type 4 for Default Gateway

	[Example]
Enter Default Gateway	202.122.51.185

Type 5 for DNS Enter

	[Example]
Enter Name Server 1	10.0.0.1
Enter Name Server 2	203.196.128.4
Enter Name Server 3	4.2.2.2

Now press *Ctrl+c*, and give the command **service network restart** at root. And now the server is live on internet.

Note : Here we are considering that 10.0.0.1 is the LAN IP mapped on server, so we will be using it as our Default Gateway & DNS on all our LAN machines and the IP for the LAN machines (users) will be of the same series **i.e. (10.0.0.1 - 10.0.0.254)**.

After installation map the IP of series **(10.0.0.1 - 10.0.0.254)** on any machine on LAN & at browser open the page <http://10.0.0.1/admin.php> in order to access server's admin page.

The Default user name is **admin**

The Default Password is **smart123**