Quick Installaion Guide

iBSG
The Box
Network Embedded Box

INDEX

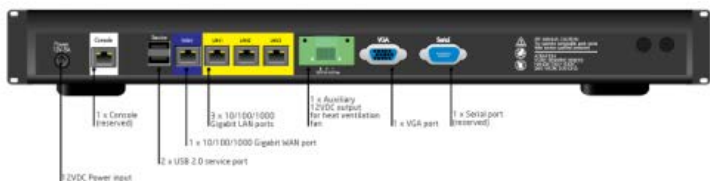# (1) PRODUCT INTRODUCTION
Appearance, Installaion and Logon

TOPIC
- ▶ Appearance
- ▶ Hardware installaion
- ▶ Log On to web management

OVERVIEW

- ▶ **Front Panel**
- · Power button
- · Power status LED
- · HDD activity LED

- 1 x Console (reserved)
- 12VDC Power input
- 2 x USB 2.0 service port
- 3 x 10/100/1000 Gigabit LAN ports
- 1 x 10/100/1000 Gigabit WAN port
- 1 x Auxiliary 12VDC output for heat ventilation fan
- 1 x VGA port
- 1 x Serial port (reserved)

▶ Back Panel

- 12VDC Power input
- 2 x USB 2.0 service port
- 1 x 10/100/1000 Gigabit WAN port
- 3 x 10/100/1000 Gigabit LAN ports
- 1 x Auxiliary 12VDC output for heat ventilation fan
- 1 x VGA port
- 1 x Serial port (reserved)
- 1 x Console (reserved)

▶ Indicator Light Status

Front

Back panel (Ethernet)

LED	Status	Specification
Power	On	Indicator light should be light on in blue
	Off	System is off or no power
HDD	Blinking	Internal storage is reading or writing a data

LED	Status	Specification
Act (Left side)	Blinking	Port is receiving or sending data
Link (Right side)	Green	Port is connected with 10 or 100 Mbps mode
	Orange	Port is connected with 1 Gigabit mode
	Off	Port is not connected

Installaion
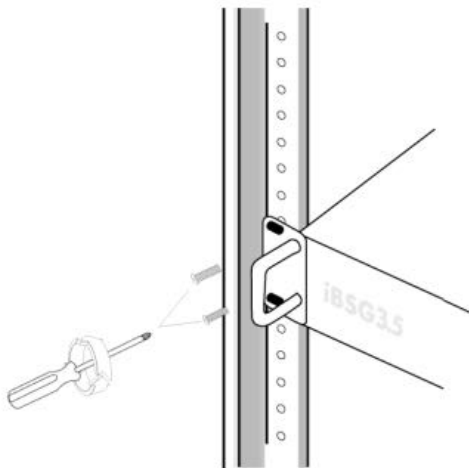
- ▶ Rack fixing
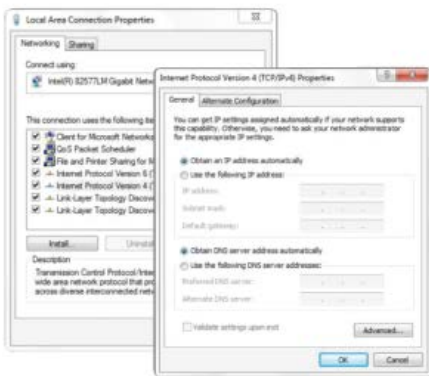- · Fix the frame ear and screw on both sides of device
- ▶ Desktop fixing
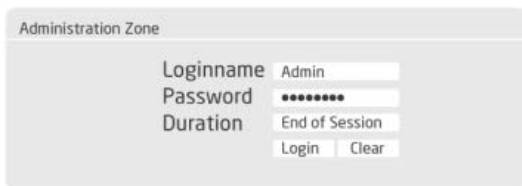- · You can place device on any flat desks

Log On, Web management

▶ Make sure that your Laptop / Desktop Ethernet interface is seeing to DHCP mode

▶ Connect LAN cable from your Laptop/Desktop to 'LAN1' port on iBSG3.5 The Box

▶ Your laptop should obtain IP address from device with 192.168.2.x/24 range address.

▶ Access http://192.168.2.254/manage
via your web browser, please avoid using old browser
such as IE6-8 because it might not working properly

▶ Default
username is 'admin' and
password is 'admin123'

Administration Zone

Loginname	Admin
Password	••••••••
Duration	End of Session
	Login Clear

(2) <u>Configuration</u>
Basic configuration and running

Topic
- ▶ Initial note
- ▶ Network topologies
- ▶ Internet setup
- ▶ Ticket policy
- ▶ Ticket creation methods
- ▶ Ticket priting
- ▶ Client access

Initial note

▶ Once you've entered web management for the
  <u>first time</u>, please immedi ately change time zone
  seting according to your <u>location</u> by navigating to
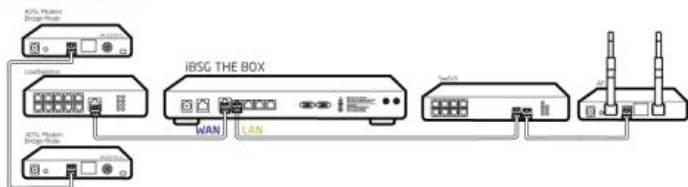 'System → Time' tab

▶ After applied, System will redirect you to
  'System → Maintenance'
  menu, you can now reboot the device by
  click at 'Reboot' button

Network Topologies

Single WAN
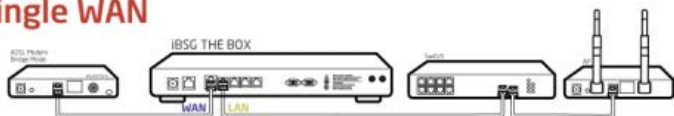
Multi WAN

Multi WAN + Layer 3 Extension

Internet Setup
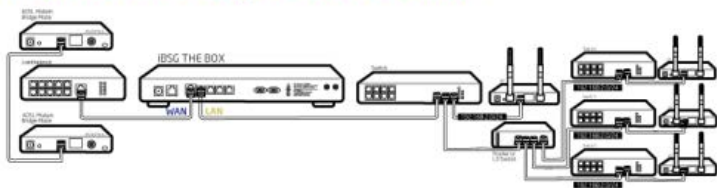
▶ IBSG supported following connection types on WAN interface

DHCP Automatically obtain an IP address from connected router

Static Manually specify an IP address/subnet and gateway and DNS that provide by connected router or your ISP

PPPoE A widely use PPP over Ethernet protocol for broadband connection such as xDSL, FTTx to properly setup this connection type, your connected modem must operating in **'Bridge'** mode

▶ You can change conneation type to match with your internet conneation by navigating to 'Network-Basic' tab

▶ After you've successfully setup an internet connection, you can check whatever internet is working properly or not by using 'Ping' tool in 'Diagnostic → ping' tab

| Status | Report | Manage | Monitoring | Network | Admin | System | Diagnostic | Help | Logout |

| ARP | DHCP | Ping | Trace |

Address: www.gsogle.com   Interface: Size(bytes): 32   Count: 3   Ping

Ping result

#	Address	Rx Bytes	TTL	RTTZ(ms)
1	74.125.135.99	40	49	46.7
2	74.125.135.99	40	49	46.7
3	74.125.135.99	40	49	46.8

▶ If you have configured the connection properly you will be able to see ping responses similar to above figure

| Status | Report | Manage | Monitoring | Network | Admin | System | Diagnostic | Help | Logout |

| Policy | Account | Identity | Portal | Passthrough | Walled | Garden | Webfilter | WSI |

Policies

Ticket policy

▶ Before you can create an internet ticket (aka. account) you must firstly create a **'policy'** by navigating to **'manage → policy'** tab then click at ✛ button

▶ Each policy will have its own properties that will be inherit by policy's members

- State – define state of policy's members
  Active
  Inactive
- Data rate – Maximum data rate for <u>each</u> policy's members
  Download – 8 Kbps - 100Mbps or Unlimited
  Upload – 8 Kbps - 100Mbps or Unlimited
- Transfer Quota – Accumulated data-transfer for each policy's members
- Usage Time – Accumulated usage <u>time for each</u> policy's members
- Valid Period – Time period after first time of usage for <u>each</u> policy's members
- Idle Timeout – Duration of inactivity before system automatically dis connect <u>each</u> policy's members

▶ Example-1

- Policy name: 30hr_in_3days
- Data rate: 1.5Mbps / 256Kbps
- Usage time: 30 hours
- Validity period 3Days

▶ Each policy member will get maximum Download/Upload data rate **1.5** Mbps and **256** Kbps respectively

▶ Each policy member will have total **30** Hours of usage time but only valid for **3** Days after <u>first time use</u>

📄 Add/Edit

Id	0
Name	30hr_in_3days
State	● Active ○ Inactive
Identity	○ Required ● None
Type	○ Postpaid ● Prepaid
Price Rate	399
Datarate DN/UP	1520 256 Kbps
Transfer Quota	0 Megabyte ∨
Daily Usage Time	0 Minute ∨
Weekly Usage Time	0 Minute ∨
Monthly Usage Time	0 Minute ∨
Usage Time	30 Hour ∨
Valid Period	3 Day ∨
Idle Timeout	0 (minutes)
Comment	
Build Date	2013-06-16
Build By	Admin
	Ad

▶ Examplee-2

- Policy name: nolimit_3days
- Data rate: Unlimited
- Valid Period 3Days

▶ Each policy member will get **maximum** Download/Upload data rate that available from your connection

▶ Each policy member will have total **3** Days usage after first time use

📄 Add/Edit

Id	0
Name	nolimit_3days
State	● Active ○ Inactive
Identity	○ Required ● None
Type	○ Postpaid ● Prepaid
Price Rate	299
Datarate DN/UP	0 0 Kbps
Transfer Quota	0 Megabyte ∨
Daily Usage Time	0 Minute ∨
Weekly Usage Time	0 Minute ∨
Monthly Usage Time	0 Minute ∨
Usage Time	0 Hour ∨
Valid Period	3 Day ∨
Idle Timeout	0 (minutes)
Comment	
Build Date	2013-06-16
Build By	Admin
	Add

#T	ACT	IDENT	Name	Type	Price	Rate	Pate	Quota	Daily	Weekly	Monthly	Total	Usape	Vallid	Build	ACC	comment
2	✓	X	nolimit_3days	Free	299	-	-	-	-	-	-	-	-	30Day	30/06/06	-	-
1	✓	X	50hr_ri_kdays	Free	399	1.48Mb's	-	-	-	-	-	1Day6Hr	-	30Day	30/06/06	-	-

▶ You can create many policies as needed

▶ Policy's properties can be modify anytime after created by using ✎ (2) button

• Data rate will effect immediately after change, with this behavior you could solve 'bandwidth problem' instantly by decreasing its value

▶ Policy removal is possible by using ▬ (3) button when no member associated

Ticket creation

IBSG have 3 different tcket (aka. account) cration methods

· **Add** create a single account at a time which suitable for small amount of account or specify user only

· **Generate** generate large number of accounts up to 1,000 accounts at time, suitable for hotel or apartment where these accounts can print out and sell at reception counter

· **Import** import an account(s) from a CSV file suitable for some organiation that would like to use existing user database

You can access account creation methods in **'manage-account'** tab and click at below icons tool

⊞ Add (1)

⊞ Generate (2)

⊞ Import (3)

Status	Report	Manage	Monitoring	Network	Admin	System	Diagnostic	Help	Logout

Policy	Account	Identity	Portal	Passthrough	Walled	Garden	Webfilter	WSI

Login	Policy	Expire (Y/M/D)	Build (Y/M/D)	Comment	Search Type	Mixed ∨

Ⓐ Account

Ticket Creation

Ad Method

Add/Generate/Edit

Id	0
Sold Now	● No ○ Yes
State	● Active ○ Inactive
Policy	30hr_in_3days ▽
Login	acc1
Password	1234 ☐ Hide
MAC	
Host	
Datarate DN/UP	0 0 Kbps ☐ Override
Maximum Login	1
Expire Date (Y M D)	2014 01 01 ✓ Not Expire
Comment	
Build Date	
Build By	2013-06-16
Build By	Admin
	Add

▶ Add example
- Policy: 30hr_in_3days
- Login: acc1
- Password: 1234

▶ An account named 'acc1' with password '1234' associated with '30hr_in_3days' policy will be created

Generate Method

Add/Generate/Edit

Id	0
Sold Now	● No ○ Yes
State	● Active ○ Inactive
Policy	30hr_in_3days ▽
Maximum Login	1
Count	10
Login Prefix	AC
Login Suffix Start	1
Password Length	4 Options
Expire Date (Y M D)	2014 01 01 ✓ Not Expire
Comment	
Build Date	2013-06-16
Build By	Admin
	Generate

▶ Generate example
- Policy: 30hr_in_3days
- Count: 10
- Prefix: ac
- Suffix start: 1
- Password length: 4

▶ Accounts name 'ac01' to 'ac10' with '4' characters random password will be added to '30hr_in_3days'

🖹 Account Import

Associated policy	nolimit_3days ⌄
CSV data file	D:\data.csv Browse...
Skip first row	✓
Login column#	1
Password column#	2 ☐ Auto generate
Maximum login	1
Comment column#	3 ☐ No Coment

Import   Close

▶ Database.csv

	A	B	C
1	LOGIN	PASSWD	COMMENT
2	Netfi01	1234	A1
3	Netfi02	1234	A2
4	Netfi03	1234	A3

▶ Account name **'netfi01'** to **'netfi03'** with password **'1234'** will be added to **'nolimit_3days'** policy

✓ Here we have total 14 accounts created 1 from addmethod 10 from generatemethod and 3 from CSV file

▶ You can use **'search fields'** above to filter only specific account by criteria such as Login (1), Policy (2) or Comment (3)

▶ You can change account properties such as **'password'** or **'expire date'** using ✏ (4) button

▶ You can remove account with ▬ (5) button

You can print account ticket using 🖶 (6) button

Ticket printing

▶ iBSG have 3 build-in paper types for ticket printing

• Carbon – required dot-matrix printer with 3 layers special size (100 x 140mm) continuous feed carbon copy paper

• A4 – required only standard A4 paper with almost any printers (210 x 297mm)

   With out background – Plain style

   With background – With background image

• Ticket – Small size thermal printer (45 x 76mm)

▶ You can change paper type and printing properties in **'system-printing'** tab and don't forget to click **'apply'** when changed

Internet Ticket	
Serial No	130616-30hr_in_3days/1
UserName	acc1
Password	1234
***Not Refundable	

A4-Without Background

Internet Card	
130616-30hr_in_3days/1	
UserName	acc1
Password	1234
***Not Refundable	

A4-With Background

Status	Report	Manage	Monitoring	Network	Admin	System	Diagnostic	Help	Logout

Appearance	AAA	Radius	Printing	Time	Configuration	Database	Log	Maintenance

Account Card

Paper type	A4-Without Background(210x297)mm
Column	2
Font	Helvetica
Font size	Default
Title text	Internet Ticket

▶ You have to select a list of accounts (1) that you wanted to print in **'manage -account'** tab then click button 🖨 (2) to print

▶ You can alternatively use **'check all'** checkbox (3) to select all currently showing accounts

▶ Above window will appear, you can print this tickets by click at printer icon (1), or save to a PDF file (2) for later use

Client Access

▶ When users in iBSG (LAN1) network try to access a website via web browser, they will get redirected to **'landing page'** (aka. Portal)

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iBSG3.5

Please Login

Loginname	[ ]
Password	[ ]

☐ Remember Me

[Login] [Check] [Usage]
            1   2

Announcement
Announcement Message here

Contact
Contact information here

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▶ Users can check their time-remaining and expire-date by check (1) button
▶ Users can check their usage-history or changing password by usage (2) button

▶ Users has to fill-in a correct Loginname/Password that reside in iBSG system to access the internet

Please Login

Loginname netfi01
Password ••••

☐ Remember Me

[Login] [Check] [Usage]

⬇

Login successfully

Welcome to Hi-Speed internet, You can "Type" Login address bar and hit enter to logout

Policy/Package: nolimit_3day
Time remain: ..
Time quota: ..
Transfer remain: ..
Transfer quota: ..
Valid/Expire date: 2013/06/01 13:58:30

[Continue(B)]

⬇

Google

▶ Logged-in users can manually logout by typing **'Logout'** in browser then press enter, this method works on every browser including mobile devices

iBSG3.5

Loout successfully

Successfully logged out.

You have logged-in for "1m 16s"

[ReLogin] [Close]

(3) <u>Monitoring</u>
System, Users and Devices

TOPIC

▶ System monitoring
▶ User monitoring
▶ IP Device monitoring
▶ Device configurator

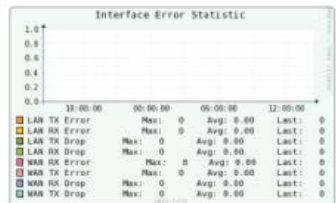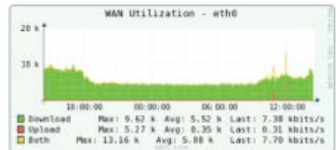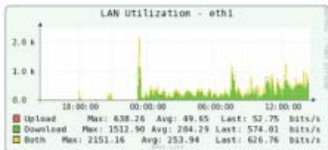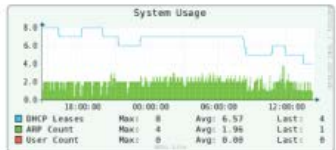# System Monitoring

▶ To view overall system
status please go to
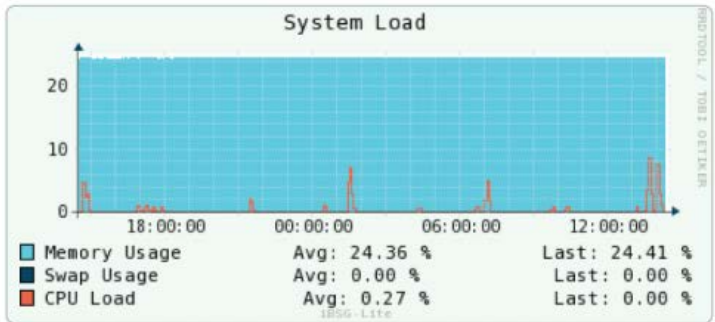**'status-overview'** tab

This page contain most
frequent use of system and
network status
* Uptime
* Load Average (1/5/15 min)
* Storage/Memory/Disk usage
* WAN IP and Physical status
* LAN IP and Physical status

Utilization Graph

System Load

Memory Usage	Avg: 24.36 %	Last: 24.41 %
Swap Usage	Avg: 0.00 %	Last: 0.00 %
CPU Load	Avg: 0.27 %	Last: 0.00 %

System Usage

DHCP Leases	Max: 8	Avg: 6.57	Last: 4
ARP Count	Max: 4	Avg: 1.96	Last: 1
User Count	Max: 0	Avg: 0.00	Last: 0

LAN Utilization - eth1

Upload	Max: 638.26	Avg: 49.65	Last: 52.75 bits/s
Download	Max: 1512.90	Avg: 204.29	Last: 574.01 bits/s
Both	Max: 2151.16	Avg: 253.94	Last: 626.76 bits/s

WAN Utilization - eth0

Download	Max: 9.62 k	Avg: 5.52	Last: 7.38 kbits/s
Upload	Max: 5.27 k	Avg: 0.35	Last: 0.31 kbits/s
Both	Max: 13.16 k	Avg: 5.88 k	Last: 7.70 kbits/s

Session Usage

Session Count	Max: 60	Avg: 34.53	Last: 38

Interface Error Statistic

LAN TX Error	Max: 0	Avg: 0.00	Last: 0
LAN RX Error	Max: 0	Avg: 0.00	Last: 0
LAN TX Drop	Max: 0	Avg: 0.00	Last: 0
LAN RX Drop	Max: 0	Avg: 0.00	Last: 0
WAN TX Error	Max: 8	Avg: 0.08	Last: 0
WAN RX Error	Max: 0	Avg: 0.00	Last: 0
WAN RX Drop	Max: 0	Avg: 0.00	Last: 0
WAN TX Drop	Max: 0	Avg: 0.00	Last: 0

▶ Status history is available in **'status-utilization'** tab
This page contain 6 graphs that show historical system
status for 1 day period

System Load

|		
Memory Usage	Avg: 24.36 %	Last: 24.41 %
Swap Usage	Avg: 0.00 %	Last: 0.00 %
CPU Load	Avg: 0.27 %	Last: 0.00 %

▶ System load
- Memory usage (Light-blue)
- Swap Usage (Dark-blue)
- CPU Load (Red)

▶ Because of Linux-OS behavior, memory usage can reach 100% for some period of time

▶ Swap usage should always 0 value, if not; that's indicates memory exhausted

▶ CPU Load can reach 100% when log files are being compressed around 4pm, but in average should not stay higher than 30%
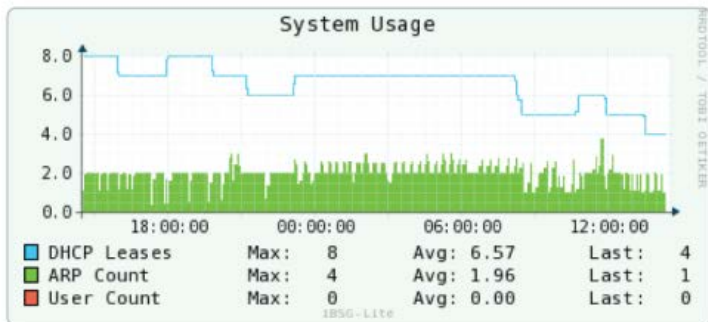
▶ System usage
- DHCP Leases (Light-blue)
- ARP Count (Red)
- User Count (Green)

▶ DHCP Leases - IP Addresses count that has been offered by DHCP

▶ DHCP ARP - ARP addresses count that has been detected by system

▶ User Count - Users count that has been logged-in the system

▶ Real - time online user status is in **'status-user'** tab

▶ You can force user to disconnect from system by select arget login name and click at button ▬ (2)

▶ iBSG has build-in SNMP device monitoring feature, you can add any ip-enableddevice that reachable by the system in **'monitoring -device'** tab and it will be show in **'status-device'**

▶ For SNMP enabled device you should specify a correct community string (1) so that extra status can be shown

IP Device Monitoring

▶ Device monitoring will continuous poll every devices and show latency level as icons from 'Green' (Low latency) to 'Red' (Unreachable)

Device Monitoring

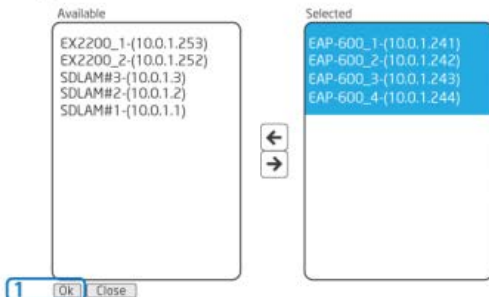| #▲	Name	Group	IP Address	15 m	10 m	5 m	Min RTT	Max RTT	SSID	Channel	Tx Power	↓Transfered	↑Transfered	Uptime	Client	Last seen	▼
1	EAP-600_1	default	10.0.1.241	🟢	🟢	🟢	0 ms	0 ms	NVK_Staff	Auto	20 dBm (100 mW)	1.19 GB	1.06 GB	77d 0h 31m 25s	0	2013/09/18 17:40:18	☑
2	EAP-600_3	default	10.0.1.242	🟢	🟢	🟢	0 ms	0 ms	NVK_Staff	Auto	20 dBm (100 mW)	3.46 GB	3.30 GB	5d 4h 10m 28s	1	2013/09/18 17:40:20	☐
3	EAP-600_3	default	10.0.1.243	🟢	🟢	🟢	0 ms	1 ms	NVK_Staff	Auto	20 dBm (100 mW)	546.00 MB	1.80 GB	77d 0h 31m 25s	3	2013/09/18 17:40:18	☐
4	EAP-600_4	default	10.0.1.244	🟢	🟢	🟢	0 ms	0 ms	NVK_Staff	Auto	20 dBm (100 mW)	1.78 GB	277.76 MB	21d 1h 0m 24s	7	2013/09/18 17:40:23	☐
7	EX2200_1	default	10.0.1.253	🟢	🟢	🟢	2 ms	3 ms	-	-	-	1.97 GB	3.64 GB	25d 2h 32m 43s	-	2013/09/18 17:40:24	☐
8	EX2200_2	default	10.0.1.252	🟢	🟢	🟢	3 ms	4 ms	-	-	-	3.22 GB	1.90 GB	25d 2h 33m 4s	-	2013/09/18 17:40:25	☐
10	DSLAM3	dslam	10.0.1.2	🔴	🔴	🔴	-	-	-	-	-	-	-	-	-	-	☐
11	DSLAM2	dslam	10.0.1.2	🔴	🔴	🔴	-	-	-	-	-	-	-	-	-	-	☐
12	DSLAM1	dslam	10.0.1.1	🔴	🔴	🔴	-	-	-	-	-	-	-	-	-	-	☐
9												12.10 GB	12.12 GB		17		☐

▶ EnGenius Access Points (1) are exclusively compatible with IBSG, that means you can change its configuration such as Channel, Tx Power, SSID Name, SSID Security and Isolation through IBSG device configurator without entering each device web-interface after deployed

Device Configurator

▶ You can configure supported EnGenius Access point, by selecting devices(1) in 'status-device' tab and click bullon (2)

▶ Once configurator window appear, only supported device will be selected, you can proceed by click ok (1) bullon

↖ Device Configurator

Available

EX2200_1-(10.0.1.253)
EX2200_2-(10.0.1.252)
SDLAM#3-(10.0.1.3)
SDLAM#2-(10.0.1.2)
SDLAM#1-(10.0.1.1)

Selected

EAP-600_1-(10.0.1.241)
EAP-600_2-(10.0.1.242)
EAP-600_3-(10.0.1.243)
EAP-600_4-(10.0.1.244)

← →

1 Ok Close

► Unlike EnGenius EZ-Controller iBSG supported <u>most of obso leted EnGenius AP</u> and can deploy configuration to <u>different model/platform at once</u>

► You have to select combo box (1) in front of parameters that would like to change and change it to desired value (2) then click at **'Deploy'** button

Maintenance

☐	Reboot	

2.4 Ghz Radio

☑ **1**	Channel/Frequency	Ch7 (2.442) ▾	**2**
☑	Transmit Power	22 dBm (158 mW) ▾	

5 Ghz Radio

☐	Channel/Frequency	Auto ▾
☐	Transmit Power	▾

2.4 Ghz Radio

Enabled	☑ on	
☐	Name	MVK_Staff
☐	Hide (not broadcast)	disabled ▾
☐	Authen/Encrypt	WPA2 PSK (AES) ▾
	Key/Passphrase	
☐	Isolation (L2 isolation)	enabled ▾
☐	VID	1

►It will now proceed configuration deploy to all selected AP

🔧 Device Configurator			
Name	**IP Addrress**	**Status**	**Result**
EAP-600_1	10.0.1.241	processing...	⟳
EAP-600_2	10.0.1.242	success	✓
EAP-600_3	10.0.1.243	processing...	⟳
EAP-600_4	10.0.1.244	processing...	⟳

Exit

► Some AP will automatically reboot once configuration changed, depends on AP platform and model

▶ EnGenius Access Point Configuration Compatibility Chart (EAPCCC)

Model	Compliance Firmware	Reboot	2.4 Ghz Radio		2.4Ghz SSID					5 Ghz Radio		5Ghz SSID				
			TxPower	Channel	Name	Broadcast	Security	Isolation	VID	TxPower	Channel	Name	Broadcast	Security	Isolation	VID
EOC-1650	1.3.1	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-
EOC-2610	1.3.1	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-
ECB-3500	1.3.4	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-
EAP-3660	1.3.4	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-
EOC-2611P	1.3.1	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-
EOC-5510	1.3.1	-	-	-	-	-	-	-	-	Y	Y	Y	Y	Y	Y	Y
M35	2.2.1	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-
M36	2.2.1	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-
M200	2.2.1	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-
ECB-9500	2.3.2	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-	-	-
EAP-9550	1.3.2	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-	-	-
ECB-150/300	1.1.4	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-	-	-
ENH-200	1.1.13	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-
ENH-200EXT	1.1.13	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-
ENH-210EXT	1.1.13	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-
ERA-150	1.2.1	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-
ENS-200	1.3.0	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-
ENS-202	1.3.1	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-
ENS-202EXT	1.3.1	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-
ECB-350	1.1.13	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-
EAP-350	1.1.13	Y	Y	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-	-
ENH-500	1.1.11	Y	-	-	-	-	-	-	-	Y	Y	Y	Y	Y	Y	Y
ENS-500	1.3.1	Y	-	-	-	-	-	-	-	Y	N/C	Y	Y	Y	Y	Y
ENS-500EXT	1.3.1	Y	-	-	-	-	-	-	-	Y	N/C	Y	Y	Y	Y	Y
EAP-600	1.2.9*	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
ENH-700EXT	1.2.2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Legends

Y	Compatable
N/C	Not Compatable Yet
-	Not Applicable
*	Private Firmware

(4) <u>Customization</u>

Portal

▶ **iBSG portal files come with 5 different pages**

• Login – this page will show when user try to access the internet

• Login Success – this page will show when user successfully logged-in

• Login Fail – this page will show when user fail to login

• Logout – this page will show when user successfully logged-out

• Online – this page will show when user accidently access iBSG LAN IP

• while still logged-in the system

iBSG3.5

Please Login

Loginname [＿＿＿＿＿＿]
Password [＿＿＿＿＿＿]
☐ Remember Me
[Login] [Check] [Usage]

Announcement
Announcement Message here

Contact
Contact information here

Login successfully
Welcome to Hi-Speed internet, You can "Type" Login address bar and hit enter to logout

Policy/Package:	Staff
Time remain:	..
Time quota:	..
Transfer remain:	..
Transfer quota:	..
Valid/Expire date:	..

[Continue(7)]

Login Error
Loginname or Password is in valid(1)

[Retry]

Loout successfully
Successfully logged out.

You have logged-in for "1m 16s"

[ReLogin] [Close]

You are currentry online
Please hit "close" this window or click "logout"

[Continue] [Loout] [Close]

Pages & Messages

Page encoding	UTF-8* ∨	
Title	Hotspot Service	
Login	login.html ∨	Source Preview (Max 1024 Characters)
Announce		`<p>Announcement text here</p>` ` ` `<!-- <p>Please download anti-netcut script <a href="anti-`
Contact		`<p>Contact information here</p>`
Login success	login_success.html ∨	Source Preview
Message (Welcome)		Welcome to Hi-Speed internet, You can type 'logout.' in address bar and hit enter to
Message (Check)		Internet usage history is available `<a href="/user/">here</a>`
Login fail	login_fail.html ∨	Source Preview
Logout	logout.html ∨	Source Preview
Online	online.html ∨	Source Preview
Message (Online)		Please hit 'close' to close this window or click 'logout' to logout.
Iden registration	iden_regis.html ∨	Source Preview
Message (Register)		`<p>Please complete above registration form to continue using this service.<p><p>We may`
Footer	© 2013 NETFINETWORK	
Default URL	http://www.google.com	☐ Force redirect

▶ Each portal file have different static messages, you can easily change it in **'pages & message'** section in **'manage-portal'** tab

All portal file are standard HTML+CSS file, you can practi cally modify or change it completely to match with your customer needs

▶ You can upload new portal file by accessing to
'Portal file manager' section in **'manage-portal'**
tab and click at bullon(1)

Name	Directory	Size	Time	
login_fail.html		1.57 KB	2013-05-26 13:56:51	☐
logout.html		1.68 KB	2013-05-26 13:56:51	☐
login.html		3.03 KB	2013-05-26 13:56:51	☐
online.html		2.01 KB	2013-05-26 13:56:51	☐
login_success.html		2.52 KB	2013-05-26 13:56:51	☐
iden_regis.html		5.79 KB	2013-05-26 13:56:51	☐
theme.css		1.32 KB	2013-05-26 13:56:51	☐
extra_pages.zip	/bin	7.55 KB	2013-05-26 13:56:51	☐
shadow.png	/images	111 B	2013-05-26 13:56:51	☐
favicon.ico	/images	24.62 KB	2013-05-26 13:56:51	☐
reddot.gif	/images	40 B	2013-05-26 13:56:51	☐
leftlogo.jpg	/images	12.73 KB	2013-05-26 13:56:51	☐
toplogo.jpg	/images	15.17 KB	2013-06-18 13:08:02	☐
toplogo_small.jpg	/images	7.10 KB	2013-06-18 13:08:02	☐
jquery-1.5.2.min.js	/script	83.93 KB	2013-05-26 13:56:51	☐
		169.15 KB		☐

1 ⊛ ▭
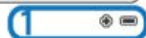
▶ Select file to upload then click upload bullon(1) if file upload filename already exist system will overwrite existing file with newly uploaded

Portal file uploader

Files		
	MaXz\Desktop\toplogo.jpg	Browse...
	MaXz\Desktop\leftlogo.jpg	Browse...
		Browse...
		Browse...
		Browse...
		Browse...

[1] Upload Close

*Maximum file size is 16MB each.
base: [htm html css pdf txt]
script: [js vbs]

▶ Example if you wish to change only logos, please named your logo files with **'toplogo.jpg'** and 'leflogo.jpg' then upload it

▶ These are portals that were customized by some of our customer