

1. SETUP > PHYSICAL INTERFACES > WIFI > INTERFACE CONFIGURATION > Advanced Roaming Tab

WIRELESS SETTINGS : WIFI

The *Device Configuration* section covers physical settings of the radio hardware which is shared among all defined wireless networks. Per network settings like encryption or operation mode are in the *Interface Configuration*.
If SRCC role is selected, most of the *Device Configuration* is irrelevant (please refer to the product user guide).

DEVICE CONFIGURATION

General Setup | a/b/g Data Rates | 802.11n Mcs | **Advanced Settings**

802.11 mode: 802.11g+n (2.4 GHz)
Changing the mode may affect the list in the 'a/b/g data rates' tab

HT mode: 20MHz
Automatic 40MHz HT mode is not compatible with AP, Ad-hoc, Mesh and multi-interfaces

Automatic channel select: Automatic channel select is not compatible with Ad-hoc, Mesh and multi-interfaces

INTERFACE CONFIGURATION

General Setup | Wireless Security | Advanced Settings | **Roaming** | Advanced Roaming | Frame filters

Excessive signal detection threshold: []

Roaming log info

- Display scan process while associated
- Display scan process while un-associated
- Display best bssid selection comparison
- Display roaming parameters
- Log filtered table of APs used to select the best AP (limited to line buffer available space)
- Include unfiltered APs in the above table (show all APs seen)
- Rise log level used to display reasons for filtering out APs
- Display roaming state changes

Select the roaming log info will show in product log.
To show the log you must to set the wireless client log level to roaming or more and general log level to notice or more in 'log settings' section.

**로밍관련 로그를 보고자 하는 내용에 체크를 합니다.
(처음 사용 시 모두 체크, 추후 필요한 내용만 선택해도 무방)**

2. TOOLS > LOG SETTINGS

SETUP
TOOLS
STATUS

FIRMWARE UPGRADE

PASSWORD SETTINGS

SYSTEM

NETWORK

SAVE CONFIG / RESET

LOG SETTINGS

LOG SETTINGS

You can configure the log parameters on this page.

General settings:
This section is about configuring the system log, which filters and and dispatches the log messages to the user. The "System Log Output Level" acts as a final filter for the log messages from various components. Set it to the highest level you want to see from any component. So, please make sure the system log output level is high enough to display all required messages.

Wireless log settings:
These sections configure wireless logging for access points and clients. The messages are sent to the system log.

VRRP service log settings:
This section configures logging of VRRP activities. Messages are sent to the system log.

GENERAL SETTINGS

System Log Output Level	Error ▼
System Log Buffer Size	16 ? kiB
External System Log Server	0.0.0.0
External System Log Server Port	514

WIRELESS CLIENT LOG SETTINGS (ALL INTERFACES)

Wireless Log Level	Roaming ▼ ? The roaming level require extra configuration in roaming parameters.
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로밍관련 에러 설정을 합니다.

3. STATUS > LOGS > ROAMING LOG

The screenshot shows the 'CLIENT ROAMING LOG' configuration page. On the left, a sidebar menu includes 'DEVICE INFO', 'NETWORK', 'WIRELESS', 'SERVICES', 'LOGS', 'SYSTEM LOG', 'KERNEL LOG', 'ROAMING LOG', and 'CONFIG LOG'. The 'LOGS' section is expanded, and 'ROAMING LOG' is selected. The main content area has a blue header with 'SETUP', 'TOOLS', and 'STATUS' tabs. Below the header, the title 'CLIENT ROAMING LOG' is displayed. The text reads: 'For meaningful logs, please enable the following:' followed by a bulleted list: 'General log at "Notice" level with sufficient buffer size,', 'Wireless client log at "Roaming" level,', and 'For the relevant Wireless client, set Roaming log info to "Dump AP table..."'. Below this is a 'Warning:' section with another bulleted list: 'Take care to enable only one client log at a time. Else all client logs will be mixed up here.' and 'Remember that log files are not preserved over reboots.'. At the bottom of the main content area, there are two buttons: 'Download as plain log file' and 'Download as tabbed file'. A large red rectangle highlights the empty area below these buttons, which is where the log output would be displayed.

로밍관련 로그를 확인 합니다.

(한 번에 하나의 클라이언트 로그만 사용하세요. 그 이상 사용하시면 여러 클라이언트 로그가 혼합됩니다. 재부팅하면 로그 파일이 사라지므로 주의하세요.)