

## Quick Start Guide for starting Soft-AP or station in bridge mode

(A) How to add bridge:

# The command creates a new instance of the Ethernet bridge  
brctl addbr br0

# The command will make the interface wlan0 a port of the bridge br0. This means that all frames received on wlan0 will be processed as if destined for the bridge.  
brctl addif br0 wlan0

# The command will make the interface eth0 a port of the bridge br0.  
brctl addif br0 eth0

# The command sets the bridge's "bridge forward delay" to zero seconds  
brctl setfd br0 0

(B) Soft-AP in bridge mode:

(1) Add an additional configuration parameter, bridge, in the rtl\_hostapd.conf file  
bridge=br0

(2) The others are the same with normal Soft-AP mode. Please reference "Quick\_Start\_Guide\_for\_SoftAP.pdf" to get complete information.

(C) The station in bridge mode:

(1) start wpa\_supplicant daemon with bridge name to replace one without bridge name in the background  
wpa\_supplicant -Dwext -iwlan0 -c /tmp/net/wpa.conf -b br0 -B

(2) The others are the same with normal station mode. Please reference "wpa\_cli\_with\_wpa\_supplicant.pdf" to get complete information.

(D) The bridge br0 may include multiple ports. Suggest set IP address at br0.

(1) Static ip address  
ifconfig br0 192.168.0.1

(2) DHCP get ip address from DHCP server  
dhclient br0