

# PT60 WLAN Setting file

## 1 WLAN flow chart description

- a. Copy WLAN.ini file on Flash Disk and do cold reset.
- b. According to WLAN.ini file to set WLAN.

## 2 WLAN Setting description

After PT60 do cold reset. PT60 can detect whether WLAN.ini file exist on Flash Disk. If the file is existed, PT60 will set WLAN via ALAN.ini file; if the file is not existed on flash disk, PT60 will do nothing.

Setting file can set according to the different need and it only needs to write in the items that to change in setting file. Content of WLAN.ini divided into three section and change via requirement.

### 2.1 WLAN section :

[WLAN]

AutoOn=0

Network=Network Section1,Network Setion2

- a. AutoOn : 0/1, 0 is close, 1 is open , default is 0.
- b. Network : set network , it can set several networks and divided into symbol comma (,), and add setting on [Network Section1] area, the sequence will with by left go to right (ex: Network=AP1,AP2 ,add AP1 first and then add AP2, If the initial value contains mistake, will skip this setting.

### 2.2 Network Section :

[Network Section1]

SSID=AP Name

adhoc=0

Encryption=wep

Authentication=open

Key=1/12345

EAP=tls

- a. SSID : SSID is the name of wireless network °

- b. Adhoc : 0/1 , 1 is connected with adhoc net , 0 is connected with an AP (infrastructure net) , default is 0 .
- c. Encryption : disabled/wep/tkip/aes , default is disabled .
- d. Authentication :  
open/shared/wpa-none/wpa-psk/wpa/wpa2-psk/wpa2 , default is open .
- e. Key :  
WEP Key: #/<key-value> , '#' is key-index (1-4), '<key-value>' is WEP key value , it can input Hex number(ex : 0x3132333435)或 ASCII string(ex : 12345) .  
Tkip Key: <key-value> , ASCII string(ex : 12345) .
- f. EAP : tls/peap/md5 , 802.1X authentication.

### 2.3 TCPIP section :

[TCPIP]

DHCP=0

IP Address= xxx.xxx.xxx.xxx

Subnet Mask= xxx.xxx.xxx.xxx

Default Gateway= xxx.xxx.xxx.xxx

Primary DNS=xxx.xxx.xxx.xxx

Secondary DNS= xxx.xxx.xxx.xxx

Primary WINS= xxx.xxx.xxx.xxx

Secondary WINS= xxx.xxx.xxx.xxx

- a. DHCP : 0/1 , 0 is close DHCP , 1 is open DHCP .
- b. IP Address : IP setting.
- c. Subnet Mask : Subnet Mask setting.
- d. Default Gateway : Gateway setting.
- e. Primary DNS , Secondary DNS : DNS setting.
- f. Primary WINS , Secondary WINS : WINS setting.

### 2.4 PERFORMANCE Section :

- a. Power\_Mode : 0 ->normal mode , 1->power saving mode
- b. Roaming\_Mode : Set RoamingMode:NOT\_ROAMING\_MODE = 1,ACTIVE\_ROAMING\_MODE=2,FAST\_ROAMING\_MODE(default)
- c. Roam\_Max\_Interval , Roam\_Min\_Interval : Scan interval per channel(ms)
- d. Roam\_Diffressi\_Threshold : If the next AP's RSSI is higher more than this value, roam to that AP

Example 1 :

OS start , close WLAN , and add AP1,AP2 setting ; AP1 is NAME1 , wep , open , key index is 1 , key is 12345 , infrastructure net ; AP2 is NAME2 , disable , infrastructure net .

[WLAN]

AutoOn=0

Network=AP1,AP2

[AP1]

SSID=NAME1

Encryption=wep

Authentication=open

Key=1/12345

[AP2]

SSID=NAME2

Example 2 :

OS start , open WLAN , add AP1 and use static IP ; AP1is NAME1 , wep , open , key index is1 , key is 12345 , infrastructure net ; TCPIP doesn' t use DHCP , IP is 192.168.11.2 , Subnet Mask is192.168.11.1 , Default Gateway is 255.255.255.0 .

[WLAN]

AutoOn=1

Network=AP1

[AP1]

SSID=NAME1

Encryption=wep

Authentication=open

Key=1/0x3132333435

[TCPIP]

DHCP=0

IP Address=192.168.11.2

Subnet Mask=192.168.11.1

Default Gateway=255.255.255.0

[PERFORMANCE]

Power\_Mode=0

Roaming\_Mode=3

Roam\_Max\_Interval=5000

Roam\_Min\_Interval=2000

Roam\_Diffressi\_Threshold=15