

# EKI-6232 & EKI-136x Ping Watchdog configuration SOP

Revision Date	Revision	Description	Author
April/2018	V1.0	Initial release	ICG AE Jacky.Lin

# Abstract

- ❖ **This SOP explains how to configure Ping watchdog on the EKI-6232 & EKI-136x-AE**
- ❖ **Related products:**  
EKI-6232, EKI-136x-AE
- ❖ **Requirement:** EKI-6232 or EKI-136x-AE



# EKI-136x Ping Watchdog setting Page

Home

System

Ethernet Configuration

Wireless Configuration

Wlan 1

Port Configuration

Port 1

Monitor

Alarm

Syslogd

Tools

Management

Wireless Configuration

Mode	<input checked="" type="radio"/> Client <input type="radio"/> Ad-hoc <input type="radio"/> Access Point
SSID	S-Net-M <a href="#">Site survey</a>
Country code	United States ▼
Channel	6 - 2.437 GHz ▼
Encryption	WPA/WPA2-Personal ▼
WPA version	<input type="radio"/> WPA <input checked="" type="radio"/> WPA2 <input type="radio"/> WPA + WPA2
WPA key	5132135788

Advanced Wireless Setting

RTS threshold	2347
Fragment threshold	2346
Preamble	<input type="radio"/> Short <input checked="" type="radio"/> Long
Roaming	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
Antenna	<input checked="" type="radio"/> ANT 1+2 <input type="radio"/> ANT 1
Watchdog trigger	<input type="radio"/> None <input type="radio"/> Disassociate <input checked="" type="radio"/> Ping
Watchdog	<input type="radio"/> Restart Wifi <input checked="" type="radio"/> Reboot <input type="radio"/> Reassociate
Ping target host	
Ping loss counter	
Ping wait time	

Save

# EKI-6232 Ping Watchdog setting Page

EKI-6232GN-AE web configuration interface Logout

Overview  
Network Settings  
Wireless Settings  
Basic  
**Advanced**  
Security  
Statistics  
Site Survey  
Log  
Administration

Home / Wireless Settings / Advanced

Advanced Wireless Settings

Client Settings

Roam

Watchdog

Watchdog Action   
Restart WiFi  
Reboot  
Force re-associate

Ping target

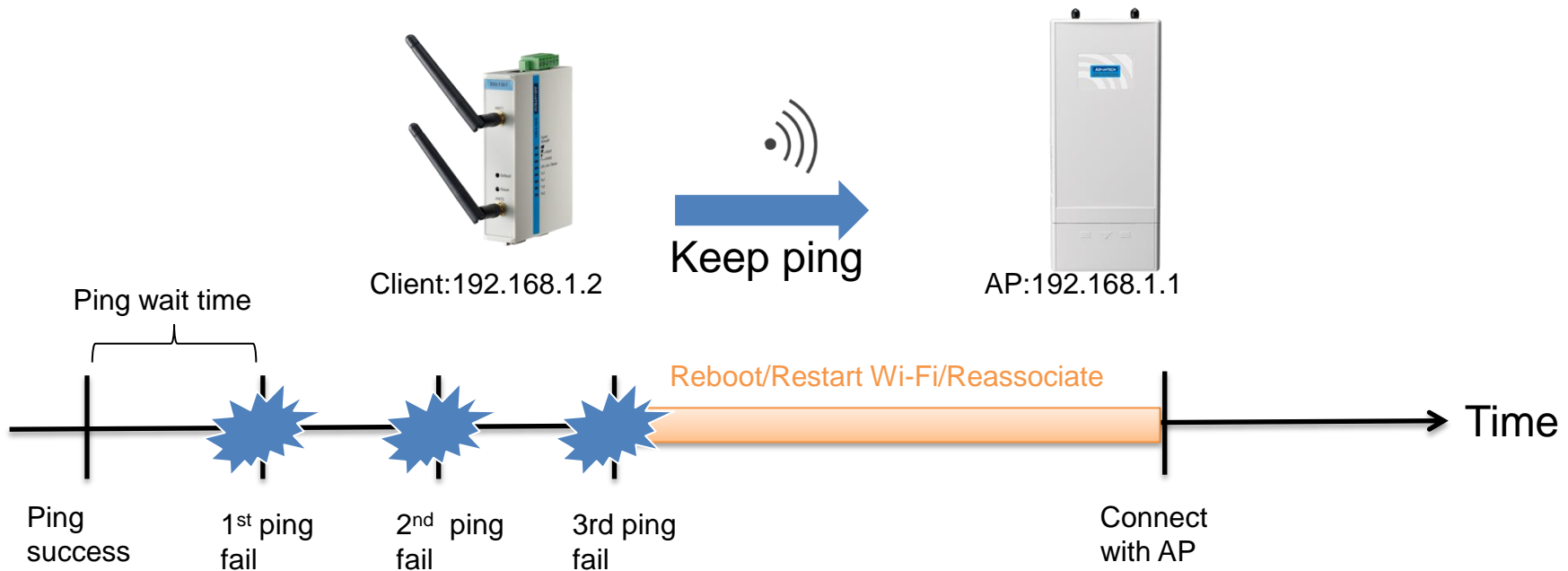
Ping Waittime

Ping Loss Counter

# Ping Watchdog example

- Ping target host : please enter the Target IP
  - Ex. 192.168.1.1 (AP IP)
- Ping loss counter:
  - Ex. Ping loss counter = 3
- Ping wait time (s): interval between each ping
  - Ex. 10s
- Waiting time: Reboot > Restart Wi-Fi > Reassociate

- Reboot : Reboot EKI device
- Restart Wi-Fi: Restart RF module
- Reassociate: reassociate with AP





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