

EKI-6331 & EKI-6332 Ping Watchdog configuration SOP

Revision Date	Revision	Description	Author
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Abstract

- ❖ **This SOP explains how to configure Ping watchdog on the EKI-6331 & EKI-6332**
- ❖ **Related products:**
EKI-6331, EKI-6332
- ❖ **Requirement:** One EKI-6331 or EKI-6332 device
- ❖ **Note :** Normally, we only suggest to enable the Ping Watchdog in wireless client mode, not AP mode.



Ping Watchdog Setting Page

ADVANTECH Industrial Wireless EKI-6332GN-AE Logout

Status System Wireless Management **Tools**

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Ping Watchdog

This page provides a tool to configure the Ping Watchdog. If the fail count of the Ping reaches to a specified value, the watchdog will reboot the device.

☒ Enable Ping Watchdog

IP Address to Ping: 192.168.15.233

Ping Interval: 10 seconds

Startup Delay: 100 seconds(>=100)

Failure Count To Reboot: 3

Apply Cancel

IP Address to Ping : Target unit IP (Normally, we'd suggest to Target the AP'IP once the EKI-6331/EKI-6332 working as client mode)

Ping Interval : Specify the interval time to ping the Target remote unit.

Startup delay : Specify the startup delay time to prevent reboot before the EKI is fully initialized.

Failure Count To Reboot: The ping timeout packets reached the value Ex. 3 times

So in this case, after 30s (10s x 3 times) without getting ICMP respond from the 192.168.15.233, the EKI will reboot the device.

Check by Syslog

- You can check the syslog to see that the device is reboot by the ping watchdog function once the EKI didn't get the corresponding ICMP respond from the Target device.

System Log

Use this page to set remote log server and show the system log.

☐ Enable Remote Log

IP Address:

Port:

#	Time	Priority	Source	Message
1	2017-10-27 13:21:53	alert	Configserver	System clear syslog.
2	2017-10-27 13:24:08	alert	Reboot	System is going down.
3	2017-10-27 13:22:06	alert	syschk	restart '/usr/sbin/webs '.
4	2017-10-27 13:22:29	notice	00:D0:C9:F7:96:36	Station authenticated.
5	2017-10-27 13:22:29	notice	00:D0:C9:F7:96:36	Station associated.
6	2017-10-27 13:24:01	notice	192.168.15.52	WEB: Authorized user "admin".
7	2017-10-27 13:25:27	alert	Reboot	System is going down.
8	2017-10-27 13:22:06	alert	syschk	restart '/usr/sbin/webs '.
9	2017-10-27 13:22:27	notice	192.168.15.52	WEB: Authorized user "admin".
10	2017-10-27 13:22:29	notice	00:D0:C9:F7:96:36	Station authenticated.
11	2017-10-27 13:22:29	notice	00:D0:C9:F7:96:36	Station associated.



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