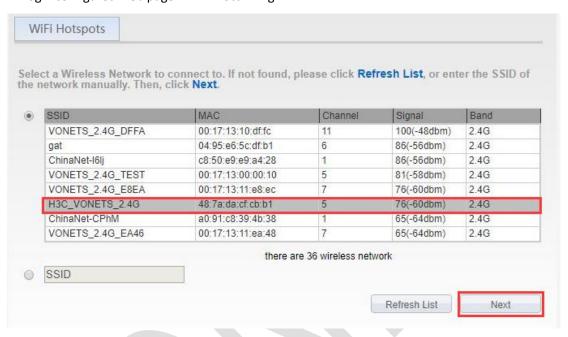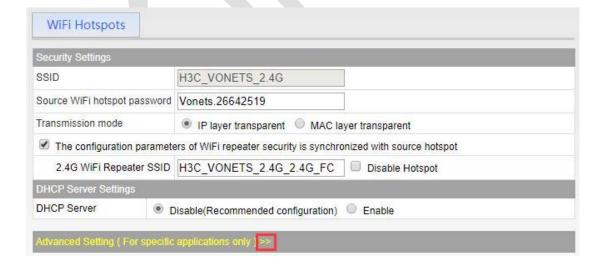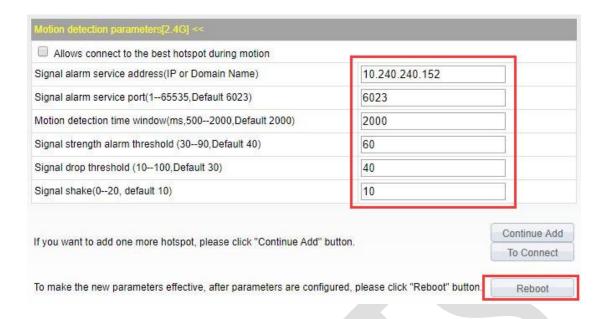# How to configure SSA and WiFi Motion Detection

Parameters_2020

VONETS series products since 3.2.20.4.8 and later versions all support SSA_1.2 version protocol (WiFi signal remote warning) and WiFi motion detection function. The specific configuration and parameters are described below:
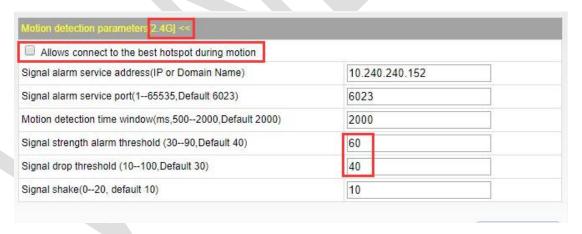
1. Login configured web page==>WiFi Scanning

2. WiFi motion detection, in motion automatically switch to the best hot spot
   After the configuration as shown below, when the VONETS device is in the
   motion state, the signal strength of the connected hotspot meets any of the following
   conditions, the device will automatically switch to the best hotspot:
   a) The signal strength of hotspot is lower than warning threshold
   b) The signal strength drop at the hot spot is greater than the drop threshold

3. Hotspot signal strength warning function (SSA)
   After the configuration as shown below, VONETS device will detect the currently
   connected or connected WiFi hotspot in real time, if the detected hot spot signal strength
   meets any of the following conditions, the device will automatically send an early warning
   report to the SSA server using the SSA communication protocol (for details, please refer to
   the SSA_1.2 protocol document):
   a)The signal strength of hotspot is lower than warning threshold
   b) The signal strength drop at the hot spot is greater than the drop threshold

Motion detection parameter **[2.4G]** <<

- Allows connect to the best hotspot during motion

Signal alarm service address(IP or Domain Name)	10.240.240.152
Signal alarm service port(1--65535,Default 6023)	6023
Motion detection time window(ms,500--2000,Default 2000)	2000
Signal strength alarm threshold (30--90,Default 40)	60
Signal drop threshold (10--100,Default 30)	40
Signal shake(0--20, default 10)	10

Please pay attention to the parameters with red circle of 2.4G and 5G are separately, need to be set separately when adding hotspots.

2019.4.8   Houtian Network Software Department

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