

WISE-PaaS FAQ

Category	WISE-3240	Date	2021/10/12
Keyword	WISE-3240 、 DeviceOn/ePaper		

■ **Question:**

How does WISE-3240 connect to the other AP?

■ **Steps:**

Step 1: Login the WISE-3240 web page and go to WiFi setting web page. Click “Scan”

The screenshot shows the ADVANTECH web interface. At the top, there is a navigation bar with 'ADVANTECH' and several menu items: Status, System, Security, Network, ePaper Manager, and Logout. A green 'AUTO REFRESH ON' button is on the right. Below the navigation bar, the 'Network' menu is expanded, showing 'Ethernet', 'Wifi' (highlighted with a red box and a red '1'), and 'Diagnostics'. The main content area is titled 'Wireless Overview' and shows a section for 'Generic MAC80211 802.11bgn (radio0)'. In this section, the 'Scan' button is highlighted with a red box and a red '2'. Other buttons include 'Add', 'Enable', 'Edit', and 'Remove'. Below this is an 'Associated Stations' table with columns for SSID, MAC-Address, IPv4-Address, Signal, Noise, RX Rate, and TX Rate. The table currently shows 'No information available'.

Step 2: Select, which AP does you want to join.


The screenshot shows the 'Join Network: Wireless Scan' page. It lists several available networks with their signal strength, channel, mode, BSSID, and encryption type. Each network has a 'Join Network' button. The 'ADV-ePaper' network is highlighted with a red box around its 'Join Network' button. The networks listed are: NETGEAR68 (45% signal), TOCC_2.4G (52% signal), Advantech-Guest (47% signal), Cell Phone (47% signal), TOTOLINK N300RT (61% signal), ADV-ePaper (100% signal), Sapido_BRF71n_d27b9b (60% signal), and AP_2.4G (88% signal).

Step 3: Key in the password of the joined AP.

ADVANTECH Status System Security Network ePaper Manager Logout


Join Network: Settings


Replace wireless configuration An additional network will be created if you leave this unchecked.

WPA passphrase 
Specify the secret encryption key here.

Name of the new network
The allowed characters are: A-Z, a-z, 0-9 and _

Create / Assign firewall-zone

lan: lan: 

wan: wan: 

unspecified -or- create:

Choose the firewall zone you want to assign to this interface. Select *unspecified* to remove the interface from the associated zone or fill out the *create* field to define a new zone and attach the interface to it.

Step 4: You will see a new wireless network is established.


radio0: Client "ADV-ePaper"

Wireless Network: Client "ADV-ePaper" (radio0.network1)

The *Device Configuration* section covers physical settings of the radio hardware such as channel, transmit power or antenna selection which are shared among all defined wireless networks (if the radio hardware is multi-SSID capable). Per network settings like encryption or operation mode are grouped in the *Interface Configuration*.

Device Configuration

General Setup **Advanced Settings**

Status  **Mode:** Client | **SSID:** ADV-ePaper
 0% **BSSID:** 74:FE:48:44:BF:47 | **Encryption:** -
Channel: 6 (0.000 GHz) | **Tx-Power:** 0 dBm
Signal: 0 dBm | **Noise:** 0 dBm
Bitrate: 0.0 Mbit/s | **Country:** US

Wireless network is enabled

Operating frequency	Mode	Channel	Width
	N	6 (2437 MHz)	20 MHz

Transmit Power
 dBm

Step 5: Scroll down the web page and click "Save&Apply"

Interface Configuration

General Setup

Wireless Security

ESSID:

Mode:

BSSID:

- Network
- lan:
 - wan:
 - wwan:
 - create:

Choose the network(s) you want to attach to this wireless interface or fill out the create field to define a new network.

Back to Overview

Save & Apply

Save

Reset

Step 6: You will see the added network show as below.

radio0: Client "ADV-ePaper"

Wireless Overview

Generic MAC80211 802.11bgn (radio0) Scan Add
 Channel: 6 (2.437 GHz) | Bitrate: 39 Mbit/s

SSID: ADV-ePaper | Mode: Client Disable Edit Remove
 100% BSSID: 74:FE:48:44:BF:47 | Encryption: WPA2 PSK (TKIP, CCMP)

Associated Stations

SSID	MAC-Address	IPv4-Address	Signal	Noise	RX Rate	TX Rate
ADV-ePaper	74:FE:48:44:BF:47	?	-21 dBm	-95 dBm	7.2 Mbit/s, MCS 0, 20MHz	39.0 Mbit/s, MCS 10, 20MHz