



# Wi-Fi CERTIFIED™ Certificate



This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing. Learn more: [www.wi-fi.org/certification/programs](http://www.wi-fi.org/certification/programs)

**Certification ID: WFA133705**

## Product Info

<b>Date of Certification</b>	February 6, 2025
<b>Company</b>	Ecovacs Home Service Robotics Co., Ltd.
<b>Product Name</b>	Wi-Fi module
<b>Product Model Variant</b>	F89FTSM13
<b>Model Number</b>	F89FTSM13
<b>Category</b>	Other
<b>Sub-category</b>	Other

## Summary of Certifications

<b>CLASSIFICATION</b>	<b>CERTIFICATION</b>
<b>Connectivity</b>	2.4 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n
<b>Optimization</b>	WMM®
<b>Security</b>	Protected Management Frames WPA2™-Personal 2021-01 WPA3™-Personal 2024-10



# Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA133705



Role: Station

Page 2 of 2

## Wi-Fi Components

### Wi-Fi Component Operating System

Linux 5.10.160

### Wi-Fi Component Firmware

V04

### RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	1	1

## Certifications

### 2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz

40 MHz Channel Width in 2.4 GHz

### Protected Management Frames

### WMM®

### WPA2™-Personal 2021-01

### WPA3™-Personal 2024-10

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

A-MPDU Tx

Short Guard Interval

STBC