

# 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

# **Certification ID: WFA118904**

### **Product Info**

Date of Certification	March 18, 2022
Company	LG Electronics
Product Name	VW AVN ICAS3 GP
Product Model Variant	VW AVN ICAS3 GP
Model Number	VW AVN ICAS3 GP
Category	Other
Sub-category	Navigation/GPS

### **Summary of Certifications**

CLASSIFICATION	CERTIFICATION
Connectivity	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n
Optimization	WMM® WMM®-Power Save
Security	Protected Management Frames WPA2™-Personal 2021-01 WPA3™-Personal 2020-12
Spectrum & Regulatory Features	Spectrum & Regulatory

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### **Role: Access Point**

Wi-Fi Components			
Wi-Fi Component Operating System	RF Architecture		
linux	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware	2.4 GHz	1	1
	5 GHz	2	2

#### Certifications

2.4 GHz Spectrum Capabilities	Wi-Fi CERTIFIED™ a
20 MHz Channel Width in 2.4 GHz	Wi-Fi CERTIFIED™ ac
<b>5 GHz Spectrum Capabilities</b> 20 MHz Channel Width in 5 GHz 40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz	A-MPDU with A-MSDU LDPC Rx LDPC Tx MCS 8-9 Rx Short Guard Interval
Protected Management Frames	Wi-Fi CERTIFIED™ b
Spectrum & Regulatory	Wi-Fi CERTIFIED™ g
802.11d	Wi-Fi CERTIFIED™ n
802.11h	HT Duplicate Mode
WMM®	OBSS on Extension Channel Short Guard Interval A-MPDU Tx
WMM®-Power Save	
WPA2™-Personal 2021-01	

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## **Role: Station**

Wi-Fi Components			
Wi-Fi Component Operating System	RF Architecture		
linux	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware 13 version	2.4 GHz	1	1
	5 GHz	2	2

#### Certifications

2.4 GHz Spectrum Capabilities	Wi-Fi CERTIFIED™ ac
20 MHz Channel Width in 2.4 GHz	A-MPDU with A-MSDU
<b>5 GHz Spectrum Capabilities</b> 20 MHz Channel Width in 5 GHz 40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz	MCS 8-9 Rx Short Guard Interval STBC LDPC Tx SU beamformee
Protected Management Frames	Wi-Fi CERTIFIED™ b
Spectrum & Regulatory	Wi-Fi CERTIFIED™ g
802.11h	Wi-Fi CERTIFIED™ n
WMM®	A-MPDU Tx HT Duplicate Mode
WMM®-Power Save	OBSS on Extension Channel Short Guard Interval
WPA2™-Personal 2021-01	
WPA3™-Personal 2020-12	
Wi-Fi CERTIFIED™ a	

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