



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: WFA67028

Product Info

Date of Certification	August 10, 2016
Company	ALPS ALPINE CO., LTD
Product Name	Car Navigation System
Product Model Variant	2016-08-10 (WFA67028 - 4479388)
Model Number	X9VA
Category	Other
Sub-category	Navigation/GPS

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Wi-Fi Protected Setup™
Connectivity	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n
Optimization	WMM®
Security	WPA2™-Personal WPA™-Personal



Wi-Fi CERTIFIED™ Certificate

Certification ID: WFA67028



Role: Station

Page 2 of 2

Wi-Fi Components

Wi-Fi Component Operating System

Proprietary / Other, version:Windows
Automotive Ver.7.0, description:Windows
Automotive Ver.7.0

Wi-Fi Component Firmware

R2332D

RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	1	1
5 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

Wi-Fi CERTIFIED™ n (continued)

RIFS
Short Guard Interval

5 GHz Spectrum Capabilities

20 MHz Channel Width in 5 GHz
40 MHz Channel Width in 5 GHz

Wi-Fi Protected Setup™

PIN
Pushbutton

WMM®

WPA2™-Personal

WPA™-Personal

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

A-MPDU Tx