



Wi-Fi CERTIFIED™ Interoperability 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: WFA17103

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Date of Last Certification	December 14, 2012
Company	Lenovo
Product	Lenovo Wireless Display Adapter
Model Number	VWK1
Product Identifier(s)	
Category	Other
Subcategory	Other
Hardware Version	Product: , Wi-Fi Component:
Firmware Version	Product: 3.5.28.1/V1.2, Wi-Fi Component:
Operating System	Proprietary / Other: Unspecified
Frequency Band(s)	2.4 GHz, 5 GHz

Summary of Certifications

CLASSIFICATION	PROGRAM
Connectivity	Wi-Fi CERTIFIED™ a, b, g, n WPA2™ - Personal Wi-Fi Direct®
Optimization	WMM®
Access	Wi-Fi Protected Setup™
Applications & Services	Miracast® - Display



Security

WPA2™ - Personal

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

2.4 GHz, 5 GHz
2 Spatial Streams 2.4 GHz
2 Spatial Streams 5 GHz
Short Guard Interval
40 MHz operation in 2.4 GHz, with coexistence mechanisms
40 MHz operation in 5 GHz

Wi-Fi Direct®

2.4 GHz, 5 GHz

WMM®

Wi-Fi Protected Setup™

2.4 GHz, 5 GHz
PIN

Miracast®

Release 1
Display Device