



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: WFA55947

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| | |
|-----------------------------------|------------------------------------|
| Date of Last Certification | August 19, 2014 |
| Company | Microsoft |
| Product | Miracast Dongle |
| Model Number | HD-10 |
| Product Identifier(s) | |
| Category | Media Adapter |
| Hardware Version | Product: 1.0, Wi-Fi Component: 1.0 |
| Firmware Version | Product: 2.0, Wi-Fi Component: 2.0 |
| Operating System | Linux |
| Frequency Band(s) | 2.4 GHz |

Summary of Certifications

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



Security

WPA™ - Personal
WPA2™ - Personal

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

2.4 GHz
2 Spatial Streams 2.4 GHz
Short Guard Interval
STBC Receive
40 MHz operation in 2.4 GHz, with coexistence mechanisms
HT Duplicate (MCS 32)
RIFS Test

Wi-Fi Direct®

2.4 GHz

WMM®

Wi-Fi Protected Setup™

2.4 GHz
PIN
Push-Button (PBC)

Miracast®

Release 1
Display Device