



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: WFA98095

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Date of Last Certification	August 03, 2020
Company	Sercomm Corporation
Product	KIWI4 Outdoor Premium WiFi AP
Model Number	KW4-ST-2020(O)
Product Identifier(s)	
Category	Routers
Subcategory	Enterprise/Service Provider Access Point, Switch/Controller or Router
Hardware Version	Product: B, Wi-Fi Component: 07
Firmware Version	Product: 4_1_312, Wi-Fi Component: WLAN.HK.2.0-01792-QCAHKSUPL_SILICONZ-1.239692.1 v2
Operating System	Linux
Frequency Band(s)	2.4 GHz, 5 GHz - Concurrent

Summary of Certifications

CLASSIFICATION	PROGRAM
Connectivity	Wi-Fi CERTIFIED 6™
	Wi-Fi CERTIFIED™ a, b, g, n, ac
	WPA™ – Enterprise, Personal
	WPA2™ – Enterprise, Personal
	WPA3™ – Enterprise, Personal
Optimization	Wi-Fi Agile Multiband™
	WMM®
Access	Passpoint®



Security

WPA™ – Enterprise, Personal
WPA2™ – Enterprise, Personal
WPA3™ – Enterprise, Personal (Aug 2019)
 EAP Type(s)
 Any EAP Type
 192-bit Security
Protected Management Frames

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

2.4 GHz, 5 GHz - Concurrent
3 Spatial Streams 2.4 GHz
3 Spatial Streams 5 GHz
Short Guard Interval
TX A-MPDU
STBC Transmit
40 MHz operation in 2.4 GHz, with coexistence mechanisms
40 MHz operation in 5 GHz

Wi-Fi CERTIFIED™ ac

4 Spatial Streams 5 GHz
Rx MCS 8-9 (256-QAM)
Tx STBC 2x1
Rx A-MPDU of A-MSDU
Tx SU beamformer
Low Density Parity Check coding
Tx DL MU-MIMO
RTS with BW Signaling

Wi-Fi CERTIFIED 6™

4 Spatial Streams 2.4 GHz Rx
4 Spatial Streams 5 GHz Rx
Maximum Supported Channel Width (20, 40, 80 MHz)
DL MU-MIMO
DL SU Beamforming
DL OFDMA
UL OFDMA
Target Wake Time (TWT)
MCS 8-9 Rx
MCS 10-11 Rx
MU-BAR trigger frame
MU-RTS /CTS trigger frame
DL MU-PPDU with basic trigger frame
Buffer Status Report (BSRP) trigger frame

Wi-Fi CERTIFIED 6™ (continued)

256 Block Acknowledge (BA) Rx
256 Block Acknowledge (BA) Tx
MU EDCA Parameter set
Low Density Parity Check (LDPC) coding
Operating Mode Rx

Wi-Fi Agile Multiband™

Steer to Cellular Data

WMM®

Passpoint®

Release 2

Passpoint® (Release 2)

Online Signup (OSU) and Policy Provisioning

Spectrum and Regulatory Features

802.11d
802.11h