



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: WFA62229

Product Info

Date of Certification	November 2, 2015
Company	Lantronix Inc.
Product Name	Lantronix IoT Gateway Platform
Product Model Variant	2015-11-02 (WFA62229 - 3502725)
Model Number	IGL-100
Category	Other
Sub-category	Reference Design

Summary of Certifications

CLASSIFICATION	CERTIFICATION
Access	Wi-Fi Protected Setup™
Network management	WMM®
Security	Protected Management Frames WPA2™-Enterprise WPA2™-Personal
Wi-Fi (MAC/PHY)	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities Spectrum & Regulatory Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n

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Role: Station

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Wi-Fi Components

Wi-Fi Component Operating System

Linux

Wi-Fi Component Firmware

6.37.32.46

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

5 GHz Spectrum Capabilities

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

Protected Management Frames

Spectrum & Regulatory

802.11h

WMM®

WPA2™-Enterprise

EAP methods
EAP TLS
EAP TTLS

WPA2™-Enterprise (continued)

PEAPv0

WPA2™-Personal

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

LDPC Rx
MCS 8-9 Rx
Short Guard Interval
STBC
LDPC Tx
SU beamformee

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

STBC
A-MPDU Tx

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Wi-Fi CERTIFIED™ n (continued)

HT Duplicate Mode
OBSS on Extension Channel
RIFS
Short Guard Interval

Wi-Fi Protected Setup™

PIN
Pushbutton

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