

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 ID: WFA129454

Product Info

Date of Certification January 10, 2024

Company Intelbras

Product Name INTELBRAS AP 7739 WLAN AP with INTELBRAS WC Series WLAN

Controller

Product Model Variant 2023-06-29

Model Number INTELBRAS AP 7739 WLAN AP with INTELBRAS WC Series WLAN

Controller

Category Routers

Sub-category Enterprise/Service Provider Access Point, Switch/Controller or Router

Summary of Certifications

CLASSIFICATION CERTIFICATION

Network management WMM®

Wi-Fi Agile Multiband™

Security Protected Management Frames

WPA2[™]-Enterprise 2018-04 WPA2[™]-Personal 2021-01 WPA3[™]-Enterprise 2022-12 WPA3[™]-Personal 2022-06 Wi-Fi Enhanced Open[™] 2021-01

Wi-Fi (MAC/PHY) 2.4 GHz Spectrum Capabilities

5 GHz Spectrum Capabilities6 GHz Spectrum Capabilities

Spectrum & Regulatory
Wi-Fi CERTIFIED 6®
Wi-Fi CERTIFIED™ a
Wi-Fi CERTIFIED™ b
Wi-Fi CERTIFIED™ g
Wi-Fi CERTIFIED™ n



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Role: Access Point	Page 2 of 3		
Wi-Fi Components			
Wi-Fi Component Operating System	RF Architecture		
Comware	Bands Supported	Transmit (Tx)	Receive (Rx)
Wi-Fi Component Firmware	2.4 GHz	4	4
V700R001	5 GHz	4	4
	6 GHz	4	4
Certifications			
2.4 GHz Spectrum Capabilities	Spectrum & Regulatory (continued)		
20 MHz Channel Width in 2.4 GHz 40 MHz Channel Width in 2.4 GHz	802.11d 802.11h		
	00=		
5 GHz Spectrum Capabilities	WMM®		
20 MHz Channel Width in 5 GHz	WPA2™-Enterprise 2018-04 EAP methods		
40 MHz Channel Width in 5 GHz 80 MHz Channel Width in 5 GHz			
160 MHz Channel Width in 5 GHz			
6 GHz Spectrum Capabilities	WPA2™-Personal 2021-01		
	WPA3™-Enterpris	e 2022-12	
20 MHz Channel Width in 6 GHz 40 MHz Channel Width in 6 GHz	EAP methods		
80 MHz Channel Width in 6 GHz 160 MHz Channel Width in 6 GHz	192-bit security		
100 WHZ CHAINEI WIGHTIN 6 CHZ	WPA3IM Porsonal	2022 06	
Protected Management Frames			
Spectrum & Regulatory	Wi-Fi Agile Multiband™		
	Wi-Fi CERTIFIED 6®		



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Wi-Fi CERTIFIED 6® (continued)

4 antenna support

A-MPDU with A-MSDU

Basic Trigger frame in HE MU PPDU

BSRP Trigger frame

DL MU-MIMO

DL OFDMA

Individual Target Wake Time

LDPC Rx

LDPC Tx

MCS 8-9 Rx

MCS 8-9 Tx

MCS 10-11 Rx

MCS 10-11 Tx

MU-RTS Trigger frame

Operating mode subfield in A-Control field

Operating mode indication

Operating mode UL MU Rx

SU beamformer

SU-MIMO

TXOP RTS Threshold

UL OFDMA

Wi-Fi 6E

Wi-Fi CERTIFIED™ a

Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU

DL MU-MIMO

LDPC Rx

LDPC Tx

MCS 8-9 Rx

Short Guard Interval

STBC

SU beamformer

Wi-Fi CERTIFIED™ b

Wi-Fi CERTIFIED™ g

Wi-Fi CERTIFIED™ n

A-MPDU Tx

HT Duplicate Mode

OBSS on Extension Channel

Short Guard Interval

STBC

Wi-Fi Enhanced Open™ 2021-01