



# 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](http://www.wi-fi.org/certification/programs)



**Certification ID: WFA129206**

## Product Info

Date of Certification	April 2, 2024
Company	Datalogic Srl
Product Name	Rugged Hand held
Product Model Variant	SGVNR with mobile AP
Model Number	SGVNR
Category	Other
Sub-category	Other

## Summary of Certifications

CLASSIFICATION	CERTIFICATION
Connectivity	2.4 GHz Spectrum Capabilities 5 GHz Spectrum Capabilities 6 GHz Spectrum Capabilities Wi-Fi CERTIFIED 6® Wi-Fi CERTIFIED™ a Wi-Fi CERTIFIED™ ac Wi-Fi CERTIFIED™ b Wi-Fi CERTIFIED™ g Wi-Fi CERTIFIED™ n Wi-Fi Enhanced Open™ 2023-12
Optimization	WMM® Wi-Fi Agile Multiband™
Security	Protected Management Frames WPA2™-Enterprise 2018-04 WPA2™-Personal 2021-01 WPA3™-Enterprise 2022-12 WPA3™-Personal 2023-12



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Role: Access Point

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## Wi-Fi Components

### Wi-Fi Component Operating System

Android

### Wi-Fi Component Firmware

WLAN.HSP.1.1.5

### RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	2	2

## Certifications

### 2.4 GHz Spectrum Capabilities

20 MHz Channel Width in 2.4 GHz

### Protected Management Frames

### WMM®

### WPA2™-Personal 2021-01

### WPA3™-Personal 2023-12

### Wi-Fi CERTIFIED™ b

### Wi-Fi CERTIFIED™ g

### Wi-Fi CERTIFIED™ n

Short Guard Interval

STBC

A-MPDU Tx



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Role: Station

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## Wi-Fi Components

### Wi-Fi Component Operating System

Android

### Wi-Fi Component Firmware

WLAN.HSP.1.1.5

### RF Architecture

Bands Supported	Transmit (Tx)	Receive (Rx)
2.4 GHz	2	2
5 GHz	2	2
6 GHz	2	2

## Certifications

### 2.4 GHz Spectrum Capabilities

20 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

### 6 GHz Spectrum Capabilities

20 MHz Channel Width in 6 GHz

40 MHz Channel Width in 6 GHz

80 MHz Channel Width in 6 GHz

### Protected Management Frames

### WMM®

### WPA2™-Enterprise 2018-04

EAP methods

### WPA2™-Enterprise 2018-04 (continued)

EAP TLS  
EAP TTLS  
PEAPv0  
PEAPv1

### WPA2™-Personal 2021-01

### WPA3™-Enterprise 2022-12

EAP methods  
EAP TLS  
EAP TTLS  
PEAPv0  
PEAPv1  
192-bit security  
Fast Transition OTA on WPA3-Enterprise  
Fast Transition OTA on WPA3-Enterprise transition mode  
Fast Transition OTDS on WPA3-Enterprise  
Server Certificate Validation

### WPA3™-Personal 2023-12



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### WPA3™-Personal 2023-12 (continued)

Fast Transition OTA on WPA3-Personal  
Fast Transition OTA on WPA3-Personal transition mode  
Fast Transition OTDS on WPA3-Personal

### Wi-Fi Agile Multiband™

ANQP  
ANQP-based Neighbor report  
BTM Query  
Cellular Data capable

### Wi-Fi CERTIFIED 6®

A-MPDU with A-MSDU  
BSRP Trigger frame  
DL MU-MIMO  
DL MU PPDU multi-tone  
LDPC Tx  
LDPC Rx  
Individual Target Wake Time  
MCS 8-9 Rx  
MCS 8-9 Tx  
MU EDCA Parameter Set element  
MU-BAR Trigger frame  
MU-RTS Trigger frame  
Operating mode control field  
Operating mode subfield in A-Control field  
SU beamformee  
SU-MIMO  
UL OFDMA  
UL TB PPDU multi-tone  
Wi-Fi 6E  
Multiple M-BSSID

### Wi-Fi CERTIFIED™ a

### Wi-Fi CERTIFIED™ ac

A-MPDU with A-MSDU  
DL MU-MIMO  
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

A-MPDU Tx  
OBSS on Extension Channel  
Short Guard Interval  
STBC

### Wi-Fi Enhanced Open™ 2023-12