



















Radio Country Approvals for IWLAN devices

August 2023









Radio Country Approvals for IWLAN devices

	802.11 n				802.11 ac	802.11 ax		
Product group with approved antennas	 SCALANCE W760 with ANT 1	 SCALANCE W770 with ANT 1	 SCALANCE W770 IP65 with ANT 1	 SCALANCE W786 RJ45/ W786 SFP with ANT 2	 SCALANCE W788 M12/ W788 RJ45 with ANT 2	 SCALANCE W1780 with ANT 3	 SCALANCE WxM766-1 with ANT 4	 SCALANCE WxM763-1 with ANT 5
Albania	•	•	•	•	•	•	•(29)	•(29)
American Samoa	•(1,8)	•(1,8)	•(1,8)	•(1,8)	•(1,8)			
Angola	•	•	•	•	•			
Argentina	•(6)	•(6)		•(14)	•(14)	•	•	
Australia	•	•	•(6)	•	•	•		
Bahamas	•(8)	•(8)	•(8)	•(8)	•(8)			
Bahrain	•	•	•(6)	•	•	•	•(21)	
Belarus	•(9,25)	•(9,25)	•(6,9,25)	•(25)	•(25)			
Bosnia and Herzegovina	•(9)	•	•(6)	•	•	•	•(29)	•(29)
Brazil	•(5,6,7)	•(5,6,7)	•(5,6,7)	•(5,6,7)	•(5,6,7)	•(6)		
Canada	•(8)	•(8)	•(8,23)	•(8)	•(8)		•(30)	•(27,30,32,33)
Chile	•	•		•	•	•		
China	•	•	•	•(14)	•(14)	•	•	
Colombia	•(8)	•(8)		•(8)	•(8)		•	
Costa Rica	•	•					•	
Ecuador		•(8,16)	•(8)	•(8)	•(8)			
Egypt	•(2)	•(2)		•(2)	•(2)		•(2)	









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EFTA B)	•(9)	•	•(6)	•	•	•	•(29)	•(29)
EU A/C)	•(9)	•	•(6)	•	•	•	•(29)	•(29)
Guam	•(1,8)	•(1,8)	•(1,8)	•(1,8)	•(1,8)			
Guatemala	•(8)	•(8)		•(8)	•(8)		•	
Hong Kong, China	•	•	•	•(14)	•(14)	•		
India	•	•	•(6)	•	•	•	•	
Indonesia	•(6,10,17)	•(6,10,17)	•(6,10,17)	•(4,10,15,17)	•(4,10,17)			
Israel	•(2)	•(2)		•(2)	•(2)			
Ivory Coast	•	•		•	•		•	
Japan	•	•		•	•	•		
Kazakhstan	•(9,25)	•(9,25)	•(6,9,25)	•(25)	•(25)			
Kenya						•		
Korea Republic	•(5,6,7,10,20)	•(5,6,7,10,16,20)	•(22)	•(5,6,7,10,14,19)	•(5,6,7,10,14,19)		•	
Kuwait	•	•	•(6)	•	•	•	•	
Macao, China	•(11)	•(11)	•(11)	•(11)	•(11)		•	
Madagascar	•(13)	•(13,16)		•(13)	•(13)		•	

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Malaysia	•(6,10)	•(6,10)		•	•	•(6)	•	
Mexico	•(6)	•(6)	•(6)	•(14)	•(14)	•		
Montenegro	•(9)	•	•(6)	•	•	•	•(29)	•(29)
Morocco	•(26)	•(7,16,20,24)		•(12)	•(24)	•(31)		
Mozambique		•(16)	•	•	•		•	
Myanmar	•	•	•	•	•			
Nepal		•(13,28)						
New Zealand	•	•	•	•	•	•	•	
Northern Mariana Island	•(1,8)	•(1,8)	•(1,8)	•(1,8)	•(1,8)			
North Macedonia	•(9)	•	•(6)	•	•	•	•	
Oman	•(9,16)	•(9,16)	•(9)	•(9)	•(9)		•	
Pakistan	•(6,10)	•(6,10)		•	•			
Peru	•(8)	•(8)	•(8)	•(8)	•(8)	•(8)		
Philippines	•	•		•	•	•	•(30)	
Puerto Rico	•(8)	•(8)		•(8)	•(8)			
Qatar	•(18)	•(18)		•(18)	•(18)		•	

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Russian Federation	•(9,25)	•(9,25)	•(6,9,25)	•(25)	•(25)	•(25)	•(25)	
Saudi Arabia	•	•	•	•	•	•	•	
Serbia	•	•	•(6)	•	•	•	•	•
Singapore	•(5,7,20)	•(5,7,20)	•(5,7,20)	•(4,5,7,14)	•(4,5,7,14)	•	•(29)	
South Africa	•	•	•(6)	•	•	•	•	
Taiwan		•(16)	•(6)	•(6,7,8,14)	•(6,7,8,14)			
Thailand	•	•	•(6)	•	•	•	•	
Turkey	•(9)	•	•(6)	•	•	•	•	•
Ukraine				•	•			
United Arab Emirates						•	•	
United Kingdom	•(9)	•	•(6)	•	•	•	•(29)	•(29)
Uruguay	•	•		•	•	•	•	
USA	•(1,8)	•(1,8)	•(1,8)	•(1,8)	•(1,8)		•(1,30)	•(1,27,30,32)
US Virgin Islands	•(1,8)	•(1,8)	•(1,8)	•(1,8)	•(1,8)			
Venezuela	•	•		•	•	•		
Vietnam	•(6)	•(6)		•	•	•(6)	•	

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General

- A) EU:** Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Italy, Ireland, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden
- B) EFTA:** Iceland, Liechtenstein, Norway, Switzerland
- C)** Country approvals also valid for the following European microstates: Andorra, Monaco, San Marino, Vatican

Country-specific notes












- (1)** only US device variants are approved for this country (MLFB: 6GK57XX-XXXX-XXB0)
- (2)** only Middle East (ME) device variants are approved for this country (MLFB: 6GK57XX-XXXX-XXC0)
- (4)** antenna ANT793-8DP is not approved for this country
- (5)** antenna ANT795-4MX is not approved for this country
- (6)** antennas ANT792-8DN, ANT793-8DJ, ANT793-8DK, ANT793-8DL and ANT793-8DP are not approved for this country
- (7)** antennas ANT793-8DL and ANT795-6MP are not approved for this country
- (8)** IWLAN RCoax Cable 5GHz in combination with DFS (Dynamic Frequency Selection) is not approved for this country
- (9)** channels 149 - 165 are not approved for this country
- (10)** channels 36 - 48 are not approved for this country
- (11)** restricted to indoor use and private properties only
- (12)** only SCALANCE W786-2IA RJ45 is approved and only for indoor use and private properties
- (13)** restricted to indoor use only
- (14)** power supply module PS791-2AC is not approved for this country

Radio Country Approvals for IWLAN devices











Country-specific notes

- (15) SCALANCE W786-2 SFP is not approved for this country
- (16) SCALANCE W774-1 M12 EEC is not approved for this country
- (17) each importer must obtain a separate certificate from the local authorities in the country. Ordering devices via Siemens Indonesia is possible.
- (18) approved for indoor use only, for outdoor use a special license must be obtained from the local authorities
- (19) antennas ANT793-6DG, ANT795-6DC and ANT795-6MN are not approved for this country
- (20) antenna ANT795-6MT is not approved for this country
- (21) channels 100-140 are not approved for this country
- (22) antennas ANT793-8DJ and ANT793-8DK are not approved for this country
- (23) channels 52-140 are not approved for this country
- (24) approved for indoor use and private properties only, for outdoor use (excl. private properties) a special license must be obtained from the local authorities
- (25) All SCALANCE W products which are available for Russia and EAC countries are delivered with following standards based on local regulations:
short-range subscriber transmitting terminal equipment with a reception device embedded of the IEEE 802.11 standard of various versions (modifications), operating in the radio frequency band of 2400-2483.5 MHz, 5150 – 5350 MHz and 5650 – 5850 MHz with an output power of the transmitter not greater than 100 mW.
- (26) only SCALANCE W722-1 is approved for this country
- (27) antennas ANT793-8DK, ANT793-8DJ, ANT793-8DP, ANT793-8DL and ANT795-6MP are not approved for this country
- (28) only SCALANCE W774-1 RJ45 is approved for this country
- (29) the usage of 80 MHz channel width within channels 52-144 is not approved for this country
- (30) antennas ANT792-4DN, ANT793-4MN, ANT897-4ME, ANT897-5PN , IWLAN Rcoax Cable 2,4 GHz and 5 GHz are not approved for this country
- (31) SCALANCE W1788-2 M12 EEC and SCALANCE W1788-2IA M12 are not approved in this country
- (32) For ANT792-8DN, ANT795-6DC, ANT792-6MN, ANT793-6DG and ANT795-6MN, an antenna connection cable with a length of $\geq 2\text{m}$ is required
- (33) SCALANCE WUM763-1 (without DIDO, 6GK5763-1AL00-3AA0) is not approved for this country

Radio Country Approvals for IWLAN devices

Type of antenna	Frequency range (GHz)	Antennas	SCALANCE W780/W740	SCALANCE W760/W720, W770/W730	SCALANCE W770/W730 IP65	SCALANCE W1780/W1740	SCALANCE WAM766-1/ WUM766-1	SCALANCE WAM763-1/ WUM763-1
omnidirectional	2.4		ANT792-6MN	•	•	•	•	•
	2.4 and 5		ANT795-4MA	•	•			•
			ANT795-4MB	•	•			•
			ANT795-4MC	•		•	•	•
			ANT795-4MD	•		•	•	•
			ANT795-4MX	•		•	•	•
			ANT795-6MN	•	•	•	•	•
			ANT795-6MT	•			•	
			ANT795-6MP	•	•	•	•	•
		Sector	2.4 and 5		ANT795-6DC	•	•	•
5			ANT793-6DG	•	•	•	•	•

G_IK10_XX_30318

Type of antenna	Frequency range (GHz)	Antennas	SCALANCE W780/W740	SCALANCE W760/W720, W770/W730	SCALANCE W770/W730 IP65	SCALANCE W1780/W1740	SCALANCE WAM766-1/ WUM766-1	SCALANCE WAM763-1/ WUM763-1
directional	2.4		ANT792-8DN	•			•	•
	5		ANT793-8DP	•	•	•	•*	•
			ANT793-8DJ	•	•	•	•*	•
			ANT793-8DK	•	•	•	•*	•
			ANT793-8DL	•	•	•	•*	•
			ANT793-8DL	•	•	•	•*	•
RCoax	2.4		RCoax radiating cables 2.4 GHz	•	•	•	•	•
			ANT792-4DN	•	•	•	•	•
	5		RCoax radiating cables 5 GHz	•	•	•	•	•
			ANT793-4MN	•	•	•	•	•

G_IK10_XX_30317

*Antennas can only be used on one antenna connector per radio interface (R1A1 or R2A1) and the rest of the antenna connectors have to be fitted with a terminating resistor.

Radio Country Approvals for IWLAN devices

The following antennas are approved in combination with the APs and recommended

ANT 1 ANT792-4DN, ANT792-6MN, ANT793-4MN, ANT793-6DG, ANT795-4MA, ANT795-4MB, ANT795-4MC, ANT795-4MD, ANT795-4MX, ANT795-6DC, ANT795-6MN, ANT795-6MP, ANT795-6MT, RCoax 2.4 and 5 GHz
The following antennas are not approved for channels 36-48: ANT793-8DJ*, ANT793-8DK*, ANT793-8DL, ANT793-8DP

ANT 2 ANT792-4DN, ANT792-6MN, ANT792-8DN, ANT793-4MN, ANT793-6DG, ANT793-8DJ*, ANT793-8DK*, ANT793-8DL, ANT793-8DP, ANT795-4MA, ANT795-4MB, ANT795-4MC, ANT795-4MD, ANT795-4MX, ANT795-6DC, ANT795-6MN, ANT 795-6MT, ANT795-6MP, RCoax 2.4 and 5 GHz

ANT 3 ANT792-4DN, ANT792-6MN, ANT792-8DN, ANT793-4MN, ANT793-6DG, ANT795-4MA, ANT795-4MB, ANT795-4MC, ANT795-4MD, ANT795-4MX, ANT795-6DC, ANT795-6MN, ANT795-6MP, ANT795-6MT, RCoax 2.4 and 5 GHz,
The following antennas can only be used on one antenna connector per radio interface (R1A1 or R2A1): ANT793-8DJ*, ANT793-8DK*, ANT793-8DL, ANT793-8DP
The rest of the antenna connectors must be fitted with a terminating resistor.

ANT 4 ANT792-4DN, ANT792-6MN, ANT792-8DN, ANT793-4MN, ANT793-6DG, ANT795-4MC, ANT795-4MD, ANT795-4MX, ANT795-6DC, ANT795-6MN, ANT795-6MP, RCoax 2.4 and 5 GHz,
For the following antennas additional attenuation may be necessary: ANT793-8DJ, ANT793-8DK, ANT793-8DL, ANT793-8DP
For details, please refer to the manual: "SIMATIC NET-Industrial Wireless LAN- Approvals SCALANCE W700 802.11ax"

ANT 5 ANT792-4DN, ANT792-6MN, ANT792-8DN, ANT793-4MN, ANT793-6DG, ANT793-8DJ*, ANT793-8DK*, ANT793-8DL, ANT793-8DP, ANT795-4MA, ANT795-4MB, ANT795-4MX, ANT795-6DC, ANT795-6MN, ANT795-6MP, RCoax 2.4 and 5 GHz
ANT897-4ME, ANT897-5PN

* For ANT793-8DJ an antenna connection cable with a length of $\geq 5\text{m}$ is required, for ANT793-8DK an antenna connection cable with a length of $\geq 10\text{m}$ is required

Radio Country Approvals for IWLAN devices

SCALANCE W760 RJ45

contains the product groups SCALANCE W761-1 RJ45, W721- 1 RJ45, W722-1 RJ45

SCALANCE W770

contains the product groups SCALANCE W774-1 RJ45, W774-1 M12 EEC, W734-1 RJ45

SCALANCE W770 IP65

contains the product groups SCALANCE W778-1 M12, W738-1 M12

SCALANCE W786 RJ45 / W786 SFP

contains the product groups SCALANCE W786-1 RJ45, W786-2 RJ45, W786-2IA RJ45, W786-2 SFP

SCALANCE W788 M12 / W788 RJ45

contains the product groups SCALANCE W748-1 RJ45, W788-1 RJ45, W788-2 RJ45, W748-1 M12, W788-1 M12, W788-2 M12

SCALANCE W1780

contains the product groups SCALANCE W1788-1 M12, W1788-2 M12, W1788-2IA M12, W1788-2 M12 EEC, W1748-1 M12

SCALANCE WxM766-1

contains the product groups SCALANCE WAM766-1, WAM766-1 ECC, WUM766-1

SCALANCE WxM763-1

contains the product groups SCALANCE WAM763-1, WAM763-1, WUM763-1 DIDO

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Approvals for SCALANCE W products can be found under <https://www.siemens.com/wireless-approvals>

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