



Industrial Wireless LAN **SCALANCE W**

Product overview – Edition 01/2022 siemens.com/iwlan

Ordering overview for Industrial Wireless LAN Access Points and Client Modules										
	Managhan	Part in	Radio	Connectio		Neces	0	Article no. ¹⁾		
	Access Points	Product	interfaces	Ethernet	Antennas	Notes	Operation	Article no."		
	IWLAN – Access Point	nts IEEE 802.11ax (Wi-Fi 6) SCALA				IP30,				
NAME OF THE PARTY	control cabinet	SCALANCE WAM763-1	1	4 × RJ45	2 × R-SMA	with DI/DO	outside the USA	6GK5763-1AL00-7DA0		
	For the indoor area For enhanced environmental	SCALANCE WAM766-1 SCALANCE WAM766-1 EEC	1	1 × M12	2 × N-Connect	IP65, with DI/DO	outside the USA	6GK5766-1GE00-7DA0		
	conditions	nts IEEE 802.11ac (Wi-Fi 5) SCALA	NCE W1788 ²⁾	for high-pe	rformance soluti	ons	outside the osa	Odk3700-14E00-71A0		
		SCALANCE W1788-1 M12	1		4 × N-Connect		outside the USA	6GK5788-1GY01-0AA0		
	For the indoor area	SCALANCE W1788-2 M12	2		8 × N-Connect		outside the USA	6GK5788-2GY01-0AA0		
		SCALANCE W1788-2IA M12	2	2 × M12	8 × intern	IP65	outside the USA	6GK5788-2HY01-0AA0		
	For enhanced									
	environmental conditions	SCALANCE W1788-2 M12 EEC nts IEEE 802.11n (Wi-Fi 4) SCALAI	2 NCE W780 ²⁾ fo	or high-perfo	8 × N-Connect	ıs	outside the USA	6GK5788-2GY01-0TA0		
	TWEAK Access on	SCALANCE W788-1 RJ45	1	or mgm period	3 × R-SMA	13	outside the USA within the USA	6GK5788-1FC00-0AA0		
	For use in control cabinet	SCALANCE W799 2 DIAE	2	1 × RJ45	6 × R-SMA	IP30, with DI/DO	outside the USA within the USA	6GK5788-1FC00-0AB0 6GK5788-2FC00-0AA0 6GK5788-2FC00-0AB0		
		SCALANCE W788-2 RJ45	2		0 × K-SIVIA		Israel	6GK5788-2FC00-0AC0		
,41111111	For the indoor area	SCALANCE W788-1 M12	1		3 × N-Connect		outside the USA within the USA	6GK5788-1GD00-0AA0 6GK5788-1GD00-0AB0		
4 4 4		SCALANCE W788-2 M12	2	1 × M12	6 × N-Connect	IP65	outside the USA within the USA	6GK5788-2GD00-0AA0 6GK5788-2GD00-0AB0		
	For enhanced environmental conditions	SCALANCE W788-2 M12 EEC	2		6 × N-Connect		outside the USA within the USA	6GK5788-2GD00-0TA0 6GK5788-2GD00-0TB0		
		SCALANCE W786-1 RJ45	1		3 × R-SMA		outside the USA within the USA	6GK5786-1FC00-0AA0 6GK5786-1FC00-0AB0		
0		SCALANCE W786-2 RJ45	2	1 × RJ45	6 × R-SMA		outside the USA within the USA	6GK5786-2FC00-0AA0 6GK5786-2FC00-0AB0		
0 0 0	For the outdoor area					IP65	Israel outside the USA	6GK5786-2FC00-0AC0 6GK5786-2HC00-0AA0		
		SCALANCE W786-2IA RJ45	2		6 × intern		within the USA outside the USA	6GK5786-2HC00-0AB0 6GK5786-2FE00-0AA0		
	IWLAN – Access Poi	SCALANCE W786-2 SFP nts IEEE 802.11n (Wi-Fi 4) SCALAI	2 NCE W770 ²⁾ fo	2 × SFP or demanding	6 × R-SMA g solutions		within the USA	6GK5786-2FE00-0AB0		
	For the indoor area	SCALANCE W778-1 M12	1		2 × N-Connect		outside the USA within the USA	6GK5778-1GY00-0AA0 6GK5778-1GY00-0AB0		
	For enhanced environmental conditions	SCALANCE W778-1 M12 EEC	1	2 × M12	2 × N-Connect	- IP65	outside the USA within the USA	6GK5778-1GY00-0TA0 6GK5778-1GY00-0TB0		
	For use in	SCALANCE W774-1 RJ45	1	2 × RJ45	2 × R-SMA		outside the USA within the USA	6GK5774-1FX00-0AA0 6GK5774-1FX00-0AB0		
	For enhanced					IP30	Israel outside the USA	6GK5774-1FX00-0AC0 6GK5774-1FY00-0TA0		
Jr.	environmental conditions	SCALANCE W774-1 M12 EEC	1 NCE W760 ²⁾ fo	2 × M12	2 × R-SMA		within the USA	6GK5774-1FY00-0TB0		
	For use in	SCALANCE W761-1 RJ45	1	1 × RJ45	1 × R-SMA	IP20	outside the USA	6GK5761-1FC00-0AA0		
•	control cabinet	SCALANCE W/01-1 N/45	'	1 x N/45	I × K-SIVIM	11 20	within the USA	6GK5761-1FC00-0AB0		
	Client Modules IWLAN - Client Mod	ule IEEE 802.11ax (Wi-Fi 6) SCAL/	ANCE WUM70	00 for high-p	erformance solu	tions				
	For use in control cabinet	SCALANCE WUM763-1	1	4 × RJ45	2 × R-SMA	IP30, with DI/DO	outside the USA	6GK5763-1AL00-3DA0		
	Control cability					IP30		6GK5763-1AL00-3AA0		
Are to	For the indoor area	SCALANCE WUM766-1	1	1 × M12	2 × N-Connect	IP65	outside the USA	6GK5766-1GE00-3DA0		
		lule IEEE 802.11ac (Wi-Fi 5) SCAL	ANCE W1740 ²	2) for high-pe	erformance solut 4 × N-Connect	ions IP65	autoida tha USA	CCVE740 1CV01 0440		
	For the indoor area IWLAN – Client Mod	lules IEEE 802.11n (Wi-Fi 4) SCAL					outside the USA	6GK5748-1GY01-0AA0		
	For use in	SCALANCE W748-1 RJ45		1 × RJ45	3 × R-SMA	IP30,	outside the USA	6GK5748-1FC00-0AA0		
March 1	control cabinet	SCALANCE W/46-1 N/45	1	1 x N,45	3 × K-SIVIM	with DI/DO	within the USA	6GK5748-1FC00-0AB0		
	For the indoor area	SCALANCE W748-1 M12	1	1 × M12	3 × N-Connect	IP65	outside the USA	6GK5748-1GD00-0AA0		
	IWLAN – Client Mod	lules IEEE 802.11n (Wi-Fi 4) SCAL	ANCE W730 ²⁾	for demandi	ing solutions		within the USA	6GK5748-1GD00-0AB0		
	For the indoor area	SCALANCE W738-1 M12	1	2 × M12	2 × N-Connect	IP65	outside the USA	6GK5738-1GY00-0AA0		
							within the USA	6GK5738-1GY00-0AB0		
	For use in control cabinet	SCALANCE W734-1 RJ45	1	2 × RJ45	2 × R-SMA	IP30	outside the USA within the USA	6GK5734-1FX00-0AA0		
	IWLAN – Client Mod	lules IEEE 802.11n (Wi-Fi 4) SCAL	ANCE W720 ²⁾	for simple, c	compact solution	s				
	For use in	SCALANCE W722-1 RJ45	1	4 0145	1 × R-SMA	IP20, iFeatures	outside the USA within the USA	6GK5722-1FC00-0AA0 6GK5722-1FC00-0AB0		
•	control cabinet	SCALANCE W721-1 RJ45	1	1 × RJ45	1 × R-SMA	IP20	outside the USA within the USA	6GK5722-1FC00-0AC0 6GK5721-1FC00-0AA0 6GK5721-1FC00-0AB0		
	Accessories IWLAN – PLUGs						within the USA	OGK3721-1FC00-0AB0		
	TWEAT FEOGS	SCALANCE CLP 2GB	Removable of	6GK1900-0UB00-0AA0						
POSSESSE AND LOCAL PROPERTY OF THE PROPERTY OF		SCALANCE CLP 2GB W700 AP iFeatures	Removable of for upgradin	6GK5907-8UA00-0AA0						
		SCALANCE CLP 2GB W700 Client iFeatures	for upgradin	data storage m g with additio	6GK5907-4UA00-0AA0					
		C-PLUG KEY-PLUG W780 iFeatures	Removable data storage medium for the SCALANCE W700 product range for quick and easy exchange of defective devices Removable data storage medium for the SCALANCE W700 product range for upgrading with additional industrial functions (iFeatures) in Access Point models.					6GK1900-0AB10 6GK5907-8PA00		
SIEMENS ICIPLIC SOL IMP I. ICIPLIC SOL ICIPLIC SOL ICI		KEY-PLUG W740 iFeatures	Removable o	data storage m	nedium for the SCA	LANCE W700 produs (iFeatures) in Acc	uct range for	6GK5907-4PA00		
		KEY-PLUG W700 Security	Removable o	data storage m	nedium for the SCA	LANCE W700 prod	uct range for	6GK5907-0PA00		
	IWLAN – Accessorie	Standard Rail Mounting Set	upgrading with additional industrial functions (Security) in Access Point mode For mounting of SCALANCE W1780 products onto a S7-300 or S7-1500 standar					6GK5798-8MS00-0AA0		
		SCALANCE W1780 Wall Mounting Set SCALANCE W1780			ng of SCALANCE W		See Stundard Fall	6GK5798-8MW00-0AA0		
		Mounting Set SCALANCE W786	For fixing the		V786 products onto	o a S7-300 mountii	ng rail or a 35 mm	6GK5798-8MG00-0AA0		
		DIN Rail Mounting Adapter			and SCALANCE W		1.5504	6GK5798-8ML00-0AB3		
			and 90° DIN For DIN rail r	rail mounting mounting of S	for SCALANCE WA	/778 EEC and W73	8 onto a 35 mm	6GK5798-8MF00-0AA1		
		90° Angled Adapter for DIN Rail Mounting	standard DIN For DIN rail r	I rail in combine mounting in co	nation with a DIN r	rail mounting adap		6GK5798-8MA00-0AA1		

For SCALANCE W786 Power Supply PS 791-2AC 90 ... 240 V AC for direct installation 1) Current ordering data as well as conditions of sales and delivery are available at:

Power Supply PS 791-2DC

6GK5791-2AC00-0AA0 The TIA Selection Tool is available to assist in selecting the right products for Industrial Wireless LAN:

6GK5791-2DC00-0AA0

www.siemens.com/wireless-approvals

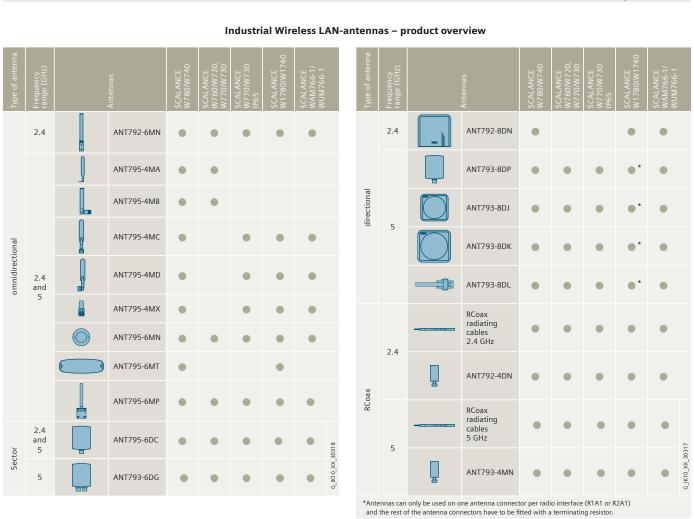
12 ... 24 V DC for direct installation

https://mall.industry.siemens.com/legal/ww/en/terms_of_trade_en.pdf

²⁰ Capable of PROFINET or EtherNet/IP diagnostics alternatively

© Siemens 2022 Ordering overview for Industrial Wireless LAN antennas and cabling technology										
	Mounting	Product Connection		Frequency	Notes	Gain 2.4/5 GHz	Article no.¹)			
	Antennas									
	IWLAN – Antennas with omnidir	ectional characterist	ic							
	Directly onto SCALANCE W	ANT795-4MA ANT795-4MB ANT795-4MC	1 × R-SMA Male, radial rotation possible 1 × R-SMA Male, radial rotation possible 1 × N-Connect Male, straight	2.4/5 GHz	IP30	3/5 dBi 2/3 dBi 3/5 dBi	6GK5795-4MA00-0AA3 6GK5795-4MB00-0AA0 6GK5795-4MC00-0AA3			
#		ANT795-4MD	1 × N-Connect Male, fixed 90° angle		IDCOLCOL	2/2 /b;	6GK5795-4MD00-0AA3			
	Wall or mast mounting	ANT795-4MX ANT792-6MN	1 × N-Connect Male, straight 1 × N-Connect Female	2.4 GHz	IP68/69K	2/2 dBi 6 dBi	6GK5795-4MX00-0AA0 6GK5792-6MN00-0AA6			
	wan or mast mounting	ANT795-6MP	1 x N-connect remale	2.4/5 GHz	IP65/67	5/7 dBi	6GK5795-6MP00-0AA0			
		ANT795-6MN	1 × N-Connect Female	2.4/5 GHz	IP65	6/8 dBi	6GK5795-6MN10-0AA6			
	Roof or mast mounting	Mounting Kit for ANT795-6MN	Including plastic ring or N/N angled adapter				6GK5795-6MN01-0AA6			
ECHNOEN C		ANT795-6MT	3 × QMA Female	2.4/5 GHz	IP65	5/7 dBi	6GK5795-6MT00-0AA0			
	IWLAN – Sector antennas	7(1417)35 0(11)	3 × QW// Terriale	2.4/3 GHZ	11 05	317 db1	OGRAFIA ON TOO OF VICE			
	TWEAT - Sector antennas	ANT795-6DC	1 × N-Connect Female	2.4/5 GHz		9/9 dBi	6GK5795-6DC00-0AA0			
-	Wall or mast mounting	ANT793-6DG	2 × N-Connect Female	5 GHz	IP66/67	9 dBi	6GK5793-6DG00-0AA0			
DE .	DATI AND Discostinual automas	ANT793-ODG	2 × N-Connect remale	3 driz		9 UBI	0GK3793-0DG00-0AA0			
	IWLAN – Directional antennas	ANITZO2 ODNI	4. 11.6	2.4.611	IDDD	4.4 (0)	CCVEZO2 ODNIGO ONAC			
		ANT792-8DN	1 × N-Connect Female	2.4 GHz	IP23	14 dBi	6GK5792-8DN00-0AA6			
		ANT793-8DJ	2 × N-Connect Female	5 GHz	IP67	18 dBi	6GK5793-8DJ00-0AA0			
	Wall or mast mounting	ANT793-8DK	2 × N-Connect Female		IP67	23 dBi	6GK5793-8DK00-0AA0			
=		ANT793-8DP	1 × N-Connect Female	4.9 5.35 GHz	IP66/67	13.5 dBi	6GK5793-8DP00-0AA0			
,		ANT793-8DL	2 × N-Connect Female	4.9 5.9 GHz	IP66	14 dBi	6GK5793-8DL00-0AA0			
	Antennas for use with IWLAN RC	Coax systems								
	Vertically upon RCoax Cable	ANT792-4DN ANT793-4MN	1 × N-Connect Female	2.4 GHz 5 GHz	IP65	4 dBi 6 dBi	6GK5792-4DN00-0AA6 6GK5793-4MN00-0AA6			
	Product		Frequency	Notes	Length or number	Article no.¹¹				
	IWLAN – RCoax-Systeme									
THE STATE OF THE S	RCoax Cable		2.4 GHz 5 GHz	IP65	1 m	6XV1875-2A 6XV1875-2D				
	RCoax N-Connect Stripping Tool					1 item	6GK1901-1PH00			
	RCoax N-Connect Female Connector	r On-Site-Assembly			1 item	6GK5798-0CN00-0AA0				
3	RCoax Cable Clip 1/2" RCoax Cable Clip 1/2"	10 items	6GK5798-8MB00-0AC1 6GK5798-8MB00-0AM1							
	RCoax Threaded Washer M6 for Cab		10 items	6GK5798-8MC00-0AC1						
	RCoax Threaded Washer M6 for Cab	le Clip 1/2"			100 items	6GK5798-8MC00-0AM1				
	RCoax Spacer 85 mm		10 items	6GK5798-8MD00-0AC1						
	RCoax Spacer 85 mm		100 items	6GK5798-8MD00-0AM1						
	IWLAN – Cabling technology									
						0.3 m	6XV1875-5CE30			
					1 m	6XV1875-5CH10				
G)	Pre-assembled N-Connect/R-SMA Ma	ale/Male Flexible Conne	0 6 GHz	IP68	2 m	6XV1875-5CH20				
			5 m	6XV1875-5CH50						
			10 m	6XV1875-5CN10						
					1 m	1 m	6XV1875-5TH10			
1	Pre-assembled N-Connect/R-SMA Ma	ection Cable railway applications	0 6 GHz	IP67	2 m	6XV1875-5TH20				
			5 m	6XV1875-5TH50						
				1 m	6XV1875-5AH10					
	Pre-assembled N-Connect Male/Male	able	0 6 GHz	IP68	2 m	6XV1875-5AH20				
6					5 m	6XV1875-5AH50				
			10 m	6XV1875-5AN10						
				1 m	6XV1875-5SH10					
6	Pre-assembled N-Connect Male/Male	e Flexible Connection C	able railway applications	0 6 GHz	IP67	2 m	6XV1875-5SH20			
60 GV						5 m	6XV1875-5SH50			
The state of the s	Dro accombled D CMA CMA A L. L.	la Flavible Communication	Cabla	0 (())	ID60	0.3 m	6XV1875-5DE30			
13 13	Pre-assembled R-SMA/SMA Male/Ma	le Flexible Connection	Capie	0 6 GHz	IP68	2 m	6XV1875-5DH20			
	Pre-assembled QMA/N-Connect Male	ection Cable	0 6 GHz	IP68	3 × 1 m	6XV1875-5JH10				
	Pre-assembled QMA/N-Connect Male	0 6 GHz	IP67	1 m	6XV1875-5VH10					

		SCALA	NCE W Acce	ess Points an	d Client Mo	dules – pro	duct overvi	ew				
	Client Modules				Access Points							
							also configurable as Client Modules					
WLAN Technology	11n / Wi-Fi 4			11ac / Wi-Fi 5	11ax / Wi-Fi 6	11n / Wi-Fi 4			11ac / Wi-Fi 5	11ax / Wi-Fi 6		
Product Family	SCALANCE											
	W720	W730	W740	W1740	WUM	W760	W770	W780	W1780	WAM		
For enhanced environmental conditions (EEC)												
For outdoor use												
For production hall mounting												
For use in control cabinet					2							
Special industrial functions	iFeatures											
iPCF/iPCF-MC	•*	•	•				•	•				
iPRP	•*	•	•	•	•		•	•	•	•		
Inter AP-Blocking							•	•				
										* only W722		



Security information

Security information

Siemens provides products and solutions with industrial security functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial security concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for pre venting unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial security measures that may be implemented, please visit https://www.siemens.com/industrialsecurity

Article no. 6ZB5530-1BE02-0BB3 BR 0122 0 PoD 14 En

Produced in Germany

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N-Connect Male Termination Impedance TI795-1N

N-Connect Male/Female Attenuator 10 dB N-Connect Male/Female Attenuator 10 dB

R-SMA Male Termination Impedance TI795-1R

N-Connect Female/Female Cabinet Bushing

R-SMA Male/Female Angular Adapter

N-Connect/SMA Female/Female Cabinet Bushing

Lightning Protector LP798-1N

Lightning Protector LP798-2N

N-Connect Male/Male Coupler

N-Connect Female Power Splitter

Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Security RSS Feed under https://www.siemens.com/industrialsecurity

IP65

IP65

IP68

IP68

IP68

IP67

IP68

IP67

IP67

IP66/68

1 item

3 items 1 item

6GK5795-1TN00-1AA0

6GK5795-1TR10-0AA6

6GK5798-2LP00-2AA6

6GK5798-2LP10-2AA6 6GK5798-0SN00-0EA0

6GK5798-0CP00-1AA0

6GK5798-0AP00-4CA0

6GK5798-2PP00-2AA6

6GK5798-0PT00-2AA0

6GK5798-1CS00-4AA0

0 ... 6 GHz

0 ... 6 GHz

0 ... 6 GHz

2 ... 6 GHz

2.4 ... 6 GHz

0 ... 6 GHz

0 ... 6 GHz

0 ... 11 GHz

0 ... 6 GHz

0 ... 6 GHz

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