

SCALANCE W INDUSTRIAL WIRELESS LAN

Product Data Sheet

6GK5876-4AA00-2BA2

SCALANCE W industrial wireless client

FUNCTION	FAMILY	ORIGIN	WEIGHT
SCALANCE W industrial wireless client	SCALANCE W industrial wireless LAN	Germany	Confirm before dispatch

Siemens SCALANCE 6GK5876-4AA00-2BA2 is a SCALANCE W industrial wireless client for the SCALANCE W industrial wireless LAN. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	6GK5876-4AA00-2BA2
Product Class	Scalance W Industrial Wireless Client
Product Family	SCALANCE W industrial wireless LAN
Wireless Standard	IEEE 802.11n
Frequency Bands	2.4 GHz and 5 GHz
Maximum Data Rate	300 Mbit/s
Radio Count	2 spatial streams
Antenna Interface	External antenna connectors
Security	WPA2 / IEEE 802.11i
Supply Class	24 V DC / PoE

ADDITIONAL PRODUCT DATA

Protection Class	IP30
Management	Web Based Management
Industrial Protocol	PROFINET transparent
Operating Mode	Client / bridge

OFFICIAL APPLICATIONS

- Integrate conveyor-control networking with Scalance W: Within the zone controllers, scanners and merge stations, 6GK5876-4AA00-2BA2 performs its assigned control role as a SCALANCE W industrial wireless client. During routing-table update, the system uses this function to exchange destination and congestion status between conveyor zones, helping it move material without losing its route.
- Track filling-line communication with Scalance W: Inside the fillers, checkweighers and line controllers, 6GK5876-4AA00-2BA2 handles its designated signal or control duty as a SCALANCE W industrial wireless client. During line-speed change, the system uses this function to carry cyclic control and diagnostic traffic between line devices, helping it keep filling and inspection events synchronized.
- Verify body-shop ring communication during network-path failover: Inside the managed switches, cell controllers and line servers, 6GK5876-4AA00-2BA2 provides its specified system function as a SCALANCE W industrial wireless client. During network-path failover, the system uses this function to preserve line communications over the alternate path, helping it keep body movement coordinated through the event.

SYSTEM COMPATIBILITY

Match 6GK5876-4AA00-2BA2 to the installed SCALANCE W industrial wireless LAN, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official product documentation and manufacturer catalog](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6GK5876-4AA00-2BA2>

AMIKON PRODUCT SUPPORT

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