6GK5788-1SR00-1RR

Industrial automation components

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Manufacturer	Siemens
Catalog number	6gk5788-1sr00-1rr
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	6GK5788-1SR00-1RR
Product Type	IWLAN Access Point
Frequency Bands	2.4/5 GHz
Data Rate	Up to 54 Mbit/s
Security Protocols	WPA2/802.11i/11e
Enclosure Rating	IP65
Operating Temperature Range	-20°C to +60°C
Certifications	EN 50155
Power Supply	Power over Ethernet (PoE)

Description

The Siemens 6GK5788-1SR00-1RR is an Industrial Wireless LAN (IWLAN) Access Point from the SCALANCE W788-1RR series, designed for robust wireless communication in industrial environments. Operating on IEEE 802.11 b/g/a/h standards, it supports dual-band frequencies of 2.4/5 GHz, delivering data rates up to 54 Mbit/s.

This device features rapid roaming capabilities, ensuring seamless connectivity for mobile devices within the network. It complies with WPA2/802.11i/11e security protocols, providing secure wireless communication.

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The SCALANCE W788-1RR is built to withstand harsh conditions, with an IP65 enclosure rating, allowing operation in temperatures ranging from -20°C to +60°C. It is certified according to EN 50155, making it suitable for use in railway applications.

The device supports Power over Ethernet (PoE), simplifying installation by reducing the need for separate power cables. The scope of delivery includes two ANT795-4MR antennas, an IP67 hybrid plug-in connector, mounting hardware, and a manual on CD-ROM in English and German.

This model is intended for operation outside of the USA and is part of Siemens' SCALANCE W788-1RR series, known for its reliability and performance in industrial wireless networking.