6GK5786-2FE00-1CA0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6gk5786-2fe00-1ca0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Frequency Bands	2.4 GHz, 5 GHz
Data Transmission Rate	450 Mbit/s per radio
Number of Radios	2 count
Antenna Ports	6 R-SMA connectors count
SFP Ports	2 x 1 Gbit/s count
Protection Rating	IP65 rating
Operating Temperature Range	-40°C to +60°C
Power Supply	24 V DC, 110-230 V AC via PS791-2AC
Security Protocols	WPA2/802.11i/e protocols

Description

The Siemens 6GK5786-2FE00-1CA0 is a high-performance wireless access point designed for seamless integration with WLAN controllers. Operating on both 2.4 GHz and 5 GHz frequency bands, it supports IEEE 802.11a/b/g/h/n standards, delivering a gross data transmission rate of up to 450 Mbit/s per radio.

Equipped with two radios and six R-SMA antenna connectors, it ensures robust and reliable wireless connectivity. The device features two SFP (Small Form-factor Pluggable) ports, each supporting up to 1 Gbit/s, facilitating flexible network expansion and integration.

Designed for outdoor environments, it boasts an IP65 protection rating, ensuring durability against dust and water ingress. The operating temperature range spans from -40°C to +60°C, making it suitable for various industrial applications.

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Power is supplied via a redundant 24 V DC input with a terminal block connection, and it also accepts 110-230 V AC through the PS791-2AC power supply. Security protocols include WPA2/802.11i/e, ensuring secure wireless communication.

The scope of supply includes manuals in German and English on CD-ROM and one terminal block.