SCALANCE W746-1PRO

# Product Data Sheet

## 6GK5746-1ST00-2AA6

Industrial wireless LAN client

| WIRELESS STANDARDS | RADIO INTERFACES | MAXIMUM WLAN DATA RATE | RADIO BANDS |
|---|---|---|---|
| **IEEE 802.11a/b/g/h** | **1** | **54 Mbit/s** | **2.4 and 5 GHz** |

Siemens 6GK5746-1ST00-2AA6 is a SCALANCE W746-1PRO industrial wireless LAN client. It links a wired Industrial Ethernet connection to an IEEE 802.11a/b/g/h wireless network, using one radio interface and external antenna connections.

## 01 TECHNICAL DATA

| | |
|---|---|
| Wireless standards | IEEE 802.11a/b/g/h |
| Radio interfaces | 1 |
| Maximum WLAN data rate | 54 Mbit/s |
| Radio bands | 2.4 and 5 GHz |
| Wired Ethernet interface | 10/100 Mbit/s |
| Antenna connectors | 2 R-SMA |
| Rated supply | 24 V DC |
| Maximum current | 300 mA |
| Degree of protection | IP65 |
| Operating temperature | -20 to 60 °C |

Siemens SCALANCE W-700 configuration manual C79000-G8976-C238-04, W746 hardware identification; Siemens ATEX certificate

## 02 ADDITIONAL PRODUCT DATA

| | |
|---|---|
| Configuration storage | C-PLUG |

## 03 PRODUCT FUNCTION

The client supports the 2.4 and 5 GHz bands at wireless data rates up to 54 Mbit/s. A 24 V DC supply powers the IP65 enclosure, while C-PLUG storage retains the device configuration. This is the earlier 1ST00 hardware generation and must be identified separately from later W746 variants.

## 04 SYSTEM COMPATIBILITY

Connect the wired 10/100 Mbit/s Industrial Ethernet interface and the permitted external antennas. Maintain the enclosure sealing and the required antenna/cable arrangement so that the IP65 construction is retained.

## 05 REFERENCE

Siemens SCALANCE W-700 configuration manual C79000-G8976-C238-04, W746 hardware identification; Siemens ATEX certificate 07ATEX0145X, Issue 75

**AMIKON PRODUCT SUPPORT**

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**