Duermentingen, August 2023

Georg Schlegel GmbH & Co. KG

Wireless interface for industrial networks

SCHLEGEL offers 2 interfaces for industrial networks that work with wireless communication

Wireless applications are becoming more and more common in the industrial sector. However, the corresponding interfaces or access points are often not available. In order to solve this issue, we introduce our WLAN interface and Wi-Fi antenna as panel mount jacks.

For systems that do not have an implemented WLAN (wireless local area network), you can use the adapter RRJ\_WLU\_02 from our product range. This adapter can be connected to the system via the 150cm USB A 2.0 cable. Supported systems are Windows XP, Vista, 7, 8, 8.1, 10, 11, Mac OS X or Linux-operating systems.

The WLAN interface is based on the specifications IEEE 802.11b, IEEE 802.11g and IEEE 802.11n. This enables transmission rates of up to 150 MBit/s at a distance of up to 10m at a frequency of 2.4 GHz.

The following encryption protocols are supported: 64/128 WEP, WPA/WPA2, WPA-PSK/WPA2-PSK. The compact WLAN adapter has a mounting depth of 41 mm and can be operated within a temperature range of 0 °C to +40 °C.

For systems with WLAN interface that do not have external access, the Wi-Fi antenna RRJ\_WLA\_01 can be used at a frequency range of 2.4 GHz and 5 GHz. The antenna, like all Wi-Fi products, conforms to IEEE 802.11 (a/b/g/n/ac) and acc. to IEC 60169-15 it can be connected via a SMA end launch jack. The panel mount jack has a mounting depth of 27 mm only and can be operated within a temperature range of -40 °C to +105 °C.

Both panel mount jacks are IP65 and are designed for a panel cut-out of Ø 22.3 mm and they fit the RONTRON-R-JUWEL range with its several design awards.

Photos

Caption:

SCHLEGEL offers a WLAN interface and Wi-Fi antenna as panel mount jacks.

Photo: GEORG SCHLEGEL



Contact details:

Georg Schlegel GmbH & Co. KG

Wolfgang Zoll

Kapellenweg 4

88525 Duermentingen

Phone +49 (7371) 502-0

Fax +49 (7371) 502 49

www.schlegel.biz

vertrieb@schlegel.biz

Media contact:

Georg Schlegel GmbH & Co. KG

Bruno Jungwirth

Kapellenweg 4

88525 Duermentingen

Phone +49 (7371) 502-0

Fax +49 (7371) 502 49

www.schlegel.biz

bruno.jungwirth@schlegel.biz

For publication, free of charge. Specimen copy or indication requested.

About Georg Schlegel GmbH & Co. KG

Schlegel stands for innovation, quality and design. Founded in 1945, Schlegel is today a globally operating company with headquarters in Germany, sales offices in Austria, the US, China, and Singapore, and exports to more than 80 countries on all five continents. The core competences: Development and production of control units, pilot lights and terminal blocks. The product portfolio further includes bus systems, enclosures, limit switches, control panels and functional components. When developing new products, Schlegel sets high standards as to the design. More than 100 national and international design awards confirm the company's high level of design expertise, among these prizes are the iF Design Award, the Red Dot Award, the Good Design Award and the German Design Award.