

ALMEMO® Network technology

Wireless link between PC and ALMEMO® WLAN module ZA 1719-WL

Wireless link between a PC connected to a local WLAN radio network and an ALMEMO® measuring instrument connected to an ALMEMO® WLAN module.



WLAN-module
ZA 1719-WL

- WLAN module ZA 1719-WL, equipped with an active internal antenna, can be plugged into the A1 socket of any ALMEMO® measuring instrument (instead of the data cable) and thus be linked into a local WLAN radio network.
- Use of the existing infrastructure
- Range up to 400 meters (unobstructed)
- LEDs showing status of the power supply and data traffic
- All the usual encryption and authentication protocols can be configured.
- Configuration on the PC via USB adapter cable ZA 1919-AKUVW using configuration software
- Quick and easy incorporation in the WinControl data acquisition software via an Ethernet port.

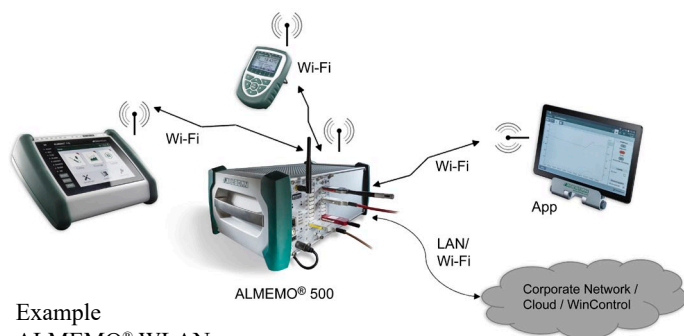
Technical data

Standard features	WLAN 802.11a/b/g/e/i/h/j
Frequency band	2.4 GHz, channels 1–13 5.0 GHz, channels 36–165 (U-NII band 1, 2, 2e, 3)
Output power	100 mW (20 dBm)
Throughput	500 kbit/s
Operating range	400 meters (unobstructed)
Encryption and authentication	WPA-PSK, WPA2-PSK, PEAP, LEAP WEP64/128, TKIP, AES (CCMP)
Protocol	TCP/UDP
Ethernet port	10001 (default)
Power supply	via ALMEMO® device
Current consumption	approx. 70 mA with 9V supply
Module housing	61 x 30 x 12 mm (LxWxH) ABS PC GF (-20 to +70 °C)
ALMEMO® data rate	1200 baud up to 115.2 kbaud



Advisory note

Inside a building the operating range of the wireless link will be substantially lower.



Example
ALMEMO® WLAN
with access point ALMEMO® 500

Order no.

Accessories

USB adapter cable for configuring an ALMEMO® WLAN module ZA 1719-WL

ZA1919AKUVW

Option

Cable between ALMEMO® plug and module, Length = 1 meter

OA1719BK

Variants

Wireless PC link (WLAN) for one ALMEMO® measuring instrument

Order no.

ALMEMO® WLAN module for output socket A1 on the ALMEMO® device.

ZA1719WL