



Avisaro WLAN Box 2.0

W26833: with CAN interface and 2 WAGO connectors

This WLAN Device transmits CAN data via WLAN. It allows communication either with machines and equipment or between them. The device can actively ask for data by its scripts which are little programs. It as well can transfer passively in reading the information.

General features

- Two CAN interface
- WLAN Trailer
- Real-time clock with buffered power
- Programming logic for individual functions

Scripting

The device is using small programs to control the process which can be easily adapted to the individual needs. This program – called ‚script‘ – is written in a modified language based on Basic (see Avisaro Webpage www.avisaro.com/tl/docu-home.html for guidance). Samples of standardized script functions are as follows:

- Transferring data
- Modify the format
- Time stamp adding to the data

Avisaro delivers this device in a ready-to-use status loaded with the basic script WC1: transferring data via WLAN without modification.

WLAN specification

WLAN 802.11 b/g
WPA + WEP
Range-outdoor: max 250 m
Range-indoor: 30-50 m

Mechanical data:

Dimensions: 51 x 72 x 24 mm
Weight: 70 g
Max. Temperature: -30°C - 85°C

Interface: CAN

Two CAN interface
Baud rate: up to 1 Mbit/s
Message format 2.0A and 2.0B
"Listen Only" mode
Load resistance switchable
The configuration of the interface can be changed accordingly.

Connector: two WAGO ports

The box comes with two WAGO connector (type 734), the pin layout is as follows:

WAGO Connector

- 1) Signal Ground (GND)
- 2) CAN-L
- 3) CAN-H
- 4) Single Wire CAN
- 5) Supply voltage (6 - 32 V)
- 6) Supply and Signal Ground (GND)



Power supply

Supply voltage: 6V-32V, consumption: ~ 0.9 W, reverse protection, Power Save option, Buffer length for real-time clock: appr. 1 month (charging time: appr. 48h).

For further information and updates see also the webpage of Avisaro AG: www.avisaro.com. The product is for professional use only. Read product manual carefully.

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