



Avisaro WLAN Logger Box 2.0

C25833: with RS232 interface and 2 WAGO connectors

This WLAN logger records RS232 data on a SD-Card. The recorded files can be read via WLAN, interface or using a PC with SD card slot. This WLAN logger is able to actively ask for data as well as to read passively. The logger can send the files via WLAN directly or with delay.

General features

- Two RS232 interface
- Slot for SD cards (up to 16 GByte)
- WLAN
- Real-time clock with buffered power
- Programming logic for individual functions

Scripting

The logger 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:

- Recording of data
- Endless recording in a loop
- Time stamp adding to the data
- Sniffing Rx and Tx

Avisaro delivers this logger in a ready-to-use status loaded with the basic script MR1: recording from RS232 interface to SD card.

Command interface

In alternative to the scripting, commands can be sent via RS232 interface if the connected data source needs to rule the logger itself.

WLAN specification

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

Interface: RS232

Two RS232 interface
Baud rate: 1200 bit/s to 1 Mbit/s
7/8 data bits
RTS/CTS and XON/XOFF flow control

Connector: two WAGO ports

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

- 1.) Clear To Send (CTS): Client is ready to receive data
- 2.) Request To Send (RTS) Avisaro wants to send data
- 3.) Receive (RxD) Data going to Avisaro Box
- 4.) Transmit (TxD) Data going to device
- 5.) Supply voltage (6 - 32 V)
- 6.) Supply and Signal Ground (GND)
(RTS / CTS for port 1 only)



Mechanical data:

Dimensions: 51 x 72 x 24 mm, Weight: 80 g
Max. Temperature: -30°C - 85°C (if the SD card used does not make any further constraints)

Power supply

Supply voltage: 6V-32V, consumption: ~ 1.0 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.

Avisaro AG
Grosser Kolonnenweg 18 /D1
30163 Hannover, Germany
info@avisaro.com