



ALL-SDS102

RS232/422/485/Modbus to Network Converter



Quick Installation Guide

Default values:


IP-Address	192.168.0.7
Username	admin
Password	admin

Please mind:

To access the web interface of the device you have to change your network cards IP address to a static one (e.g. 192.168.0.15). After that you can access the device.

After configuring your network cards IP successfully you can access the devices web interface in your browser. To do that open up a browser and enter following address 192.168.0.7. Afterwards log in with the username "admin" and the password "admin". The web interface will be visible after logging in.

firmware revision: v3033

**ALL-SDS102**

Current Status	parameter	help
Local IP Config	Module Name: ALL-SDS102	<ul style="list-style-type: none">• Run time: run time means the minutes since latest reboot• TX/RX Count: TX/RX count give us a calculation of the total byte we have been received or send.
PORT1	Firmware Revision: 3033	
PORT2	Current IP Address: 192.168.0.7	
Web to Serial	MAC Address: d8-b0-4c-b7-f1-93	
Misc Config	Run Time: 0day: 0hour: 0min	
Reboot	TX Count(ETH) : 0/0 bytes	
	RX Count(ETH) : 0/0 bytes	
	Conn Status(ETH)A: LISTEN/LISTEN	
	Conn Status(ETH)B: IDLE/IDLE	

Copyright © 2017 ALLNET GmbH Computersysteme www.allnet.de

Reset to Factory Defaults:

Should you forget the IP-address or your access data for your ALL-SDS102 you can reset your device to factory defaults. To do that press the reset button (Reload button) on the device for 15 seconds. After that the device is accessible via the default values.

1. Frontpanel & Ports



Number	Definition
1	Serial operating mode Port 1
2	Serial Port 1
3	Serial operating mode Port 2
4	Serial Port 2

2. Backpanel



Number	Definition
1	Reload-Button (Press 15 seconds to perform a Factory Reset)
2	RJ45-Port (10/100 Mbit)
3	TX1 (flashing, if Port 1 sends data)
4	RX1 (flashing, if Port 1 receives data)
5	TX2 (flashing, if Port 2 sends data)
6	RX2 (flashing, if Port 2 receives data)
7	Power-LED
8	Function-LED (flashing every second, if everything is OK)
9	DC-connecting terminal (5-36V; left +, right -)
10	DC-connection (5-36V, + pole inside)

3. DIP-Switches

RS232-Setting

Both DIP-Switches "ON" (both downward):



RS485-Setting

Both DIP-Switches "OFF" (both upward):

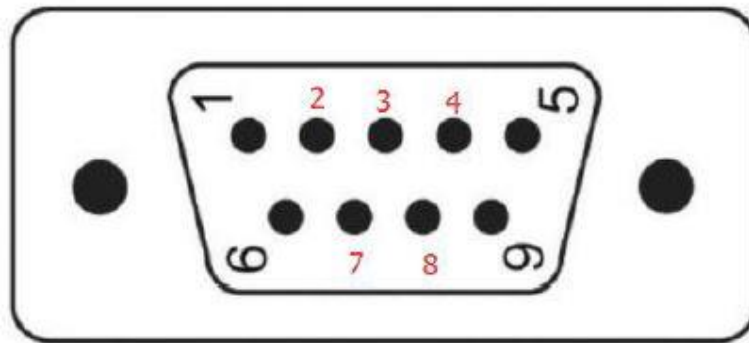


RS422-Setting

Left DIP-Switch "ON" (downward) and right DIP-Switch "OFF" (upward):



4. DB9 Pin Description



RS232:

PIN	Definition
2	RX
3	TX
5	GND
7	RTS
8	CTS

RS485:

PIN	Definition
3	B-
7	A+

RS422:

PIN	Definition
2	RX+
3	RX-
5	GND
7	TX+
8	TX-

Only change the DIP-Switches when the device is turned off!

5. Safety Warnings and CE information



Safety Warnings

For your safety, be sure to read and follow all warning notices and instructions.

- Do not open the device. Opening or removing the device cover can expose you to dangerous high voltage points or other risks. Only qualified service personnel can service the device. Please contact your vendor for further information.
- Do not use your device during a thunderstorm. There may be a risk of electric shock brought about by lightning.
- Do not expose your device to dust or corrosive liquids.
- Do not use this product near water sources.
- Make sure to connect the cables to the correct ports.
- Do not obstruct the ventilation slots on the device.

ALLNET GmbH Computersysteme declares that the device **ALL-SDS102** is in compliance with the essential requirements and other relevant provisions of Directive 2004/108/EC or 2014/30/EU. The Declaration of conformity can be found under this link: www.allnet.de/downloads.html

ALLNET GmbH Computersysteme
Maistrasse 2
82110 Germering

Tel.: +49 (0)89 894 222 - 22
Fax: +49 (0)89 894 222 - 33
Email: info@allnet.de