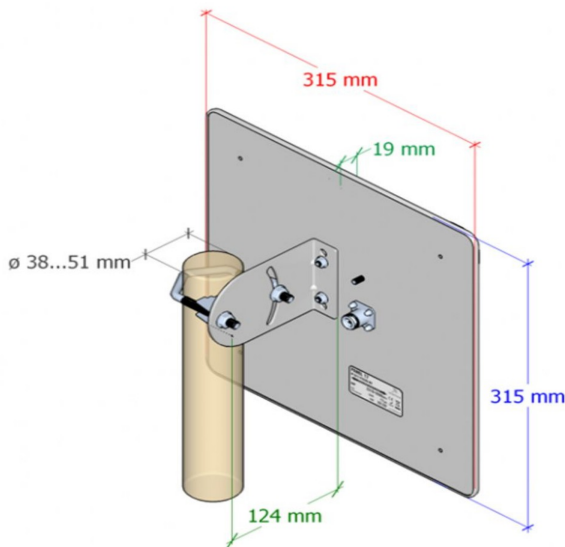


## Assembly instructions Beam-antenna for ALF

### Fundamental:

This antenna is a beam-antenne designed for the 2.4 GHz WLAN frequency band with a performance gain of 17dbi. Through the rich performance gain and the strong signal bundling, very high distances can be bridged. The assembly takes place on a rod with diameter 38 - 51mm. The antenna cable must be tightly screwed after assembly, mounting the two antennas in direct alignment to each other.

### Installation:



**Attention:** No liability for performance or durability problems, losses are taken over if the assembly was not carried out according to this manual.

Under the web-address <https://www.process-informatik.de> are product specific documentations or software-driver/-tools available to download.  
If you have questions or suggestions about the product, please don't hesitate to contact us.

Process-Informatik Entwicklungsgesellschaft mbH

Im Gewerbegebiet 1

DE-73116 Wäschenbeuren

+49 (0) 7172-92666-0

[info@process-informatik.de](mailto:info@process-informatik.de)

<https://www.process-informatik.de>

Copyright by PI - 2025

**Menutree Website:**

- + Products / docu / downloads
- + Accessories
  - + Antennas / Accessories
  - + Beam antenna for ALF



**QR-Code Website:**



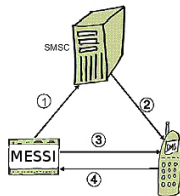
Please make sure to update your drivers before using our products.

## Remote-maintenance Siemens-S5-PLC over VPN-server



Remote-maintenance of a Siemens-S5-controller with S5-LAN++ on PD-port over separate VPN-server

## Message via SMS (SMSC)



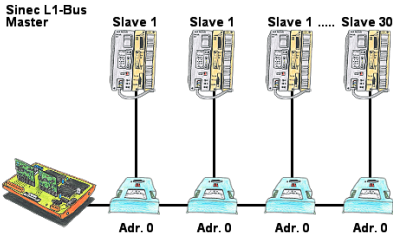
1. Senden einer SMS
2. Weiterleiten auf Handy
3. Aktiver "Weckruf" und Aufforderung zur Quittierung
4. Quittierung

A SMS to a mobile phone is basically send by SMSC. Within the GSM-network it takes place via on-net SMSC. Thereby it's unimportant in which mobile network the receiver is. The message is activated by:

- digital contacts (relays, motion detector...)
- serial interface (PLC, PC, Microcontroller ...) bitserial (PLC)

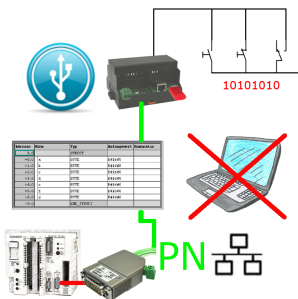
The detection system transmits the SMS to the mobile network operator. The mobile network operator provides the SMS to the mobile phone. Optionally the detection system dials the mobile phone to wake up" the receiver or to initiate the confirmation handling.

Sinec-L1-bus without master (CP530)
-------------------------------------



You have a running Sinec-L1-bus and your master the CP530 is defective or rather broke down and the bus has to continue running? No problem, connect the L1-controller to the according bus-modules instead of the CP530, define the circulation list of the clients and the L1-bus continues running immediately.

Data backup S5-PLC on USB-stick via dig. IO
---



Via digital input triggered DB-backup/-restore without additional PC via PG-socket and Ethernet to USB-stick