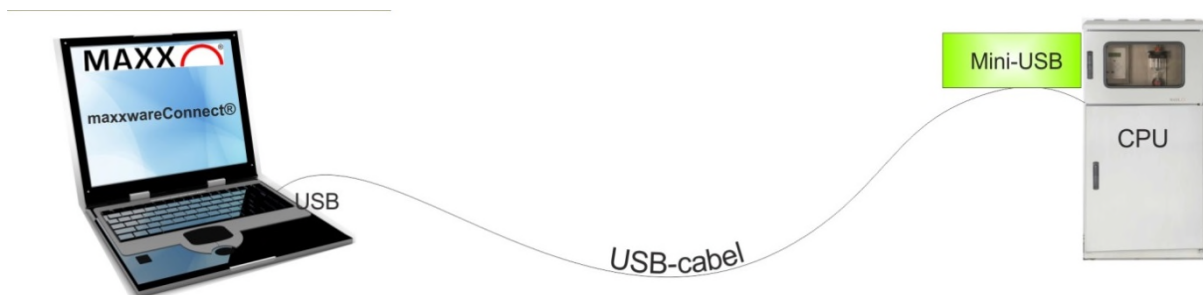# Communication with the sampler
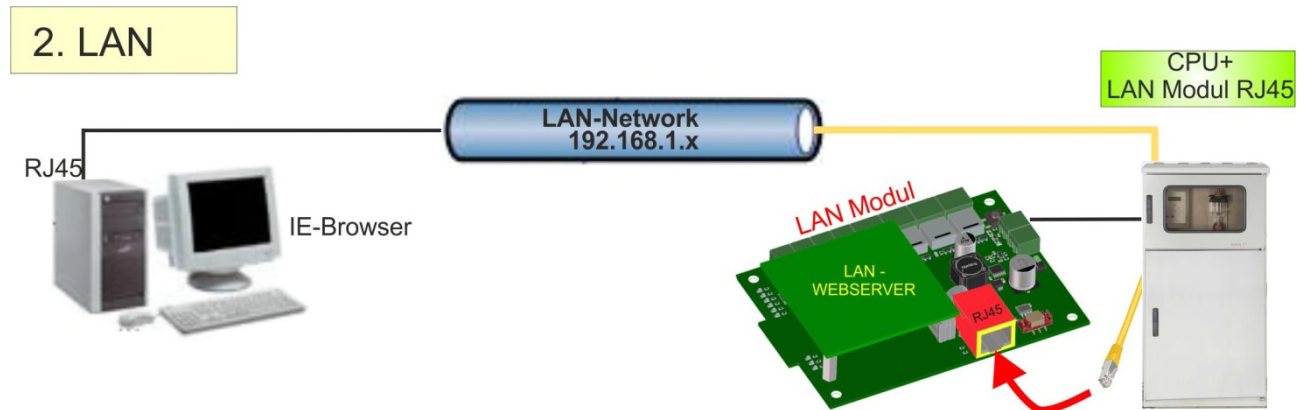# - PC and LAN/WEB/GPRS-UMTS -

1. Connection via USB and PC:

Functionality of maxxwareConnect®:

- maxxwareConnect® **has to be** installed on the PC
- Connection to the sampler via USB/MiniUSB cable
- remote control of the sampler
- visualization of downloaded data
- download and saving of data as PDF, CSV or XLSX Format
- print-out of data directly as PDF Format
- backup of all preprogramed programs from the sampler
- setting and saving of programs in offline mode. Upload in online mode
- Read out, changing, saving or upload of all sampler programs (1-12)
- recovery of saved programs.

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2. Connection via LAN Modul RJ45

2. LAN

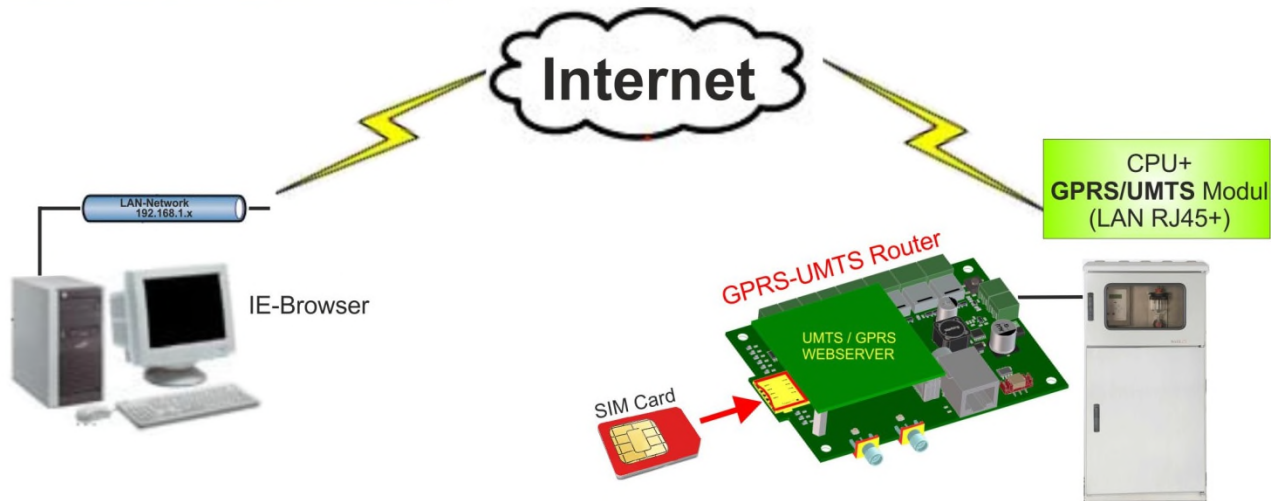**LAN Modul RJ45**

+ ARM9-SoC
+ 32MB RAM
+ 100 MB Data Memory (2 Year ring memory-FIFO at 1 min interval)
+ Linux OS
+ TCP/IP (RJ45)
+ recording of all CPU Data (like data of sampling cycle, bottle report, error log, temperature etc.)
+ visualization via Webinterface
+ Data-export (PDF, CSV, XLS)
+ E-Mail error messaging

- Connection to the sampler via wired Network and IE-browser via IP-address
- Setting of the TCP/IP parameters of the webserver
- SMTP server for notification via e-mail in case of a malfunction
- remote control of the sampler
- visualization of downloaded data
- download and saving of data as PDF, CSV or XLSX Format
- print-out of data directly as PDF Format
- backup of all preprogramed programs from the sampler
- setting and saving of programs in OFFLINE mode. Upload in online mode
- Read out, changing, saving or upload of all samplers programs (1-12)
- recovery of saved programs.

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3. Connection via LAN RJ45 Modul +/GPRS-UMTS:

- **SIM-Card with data capability is necessary and must be provided by customer!**
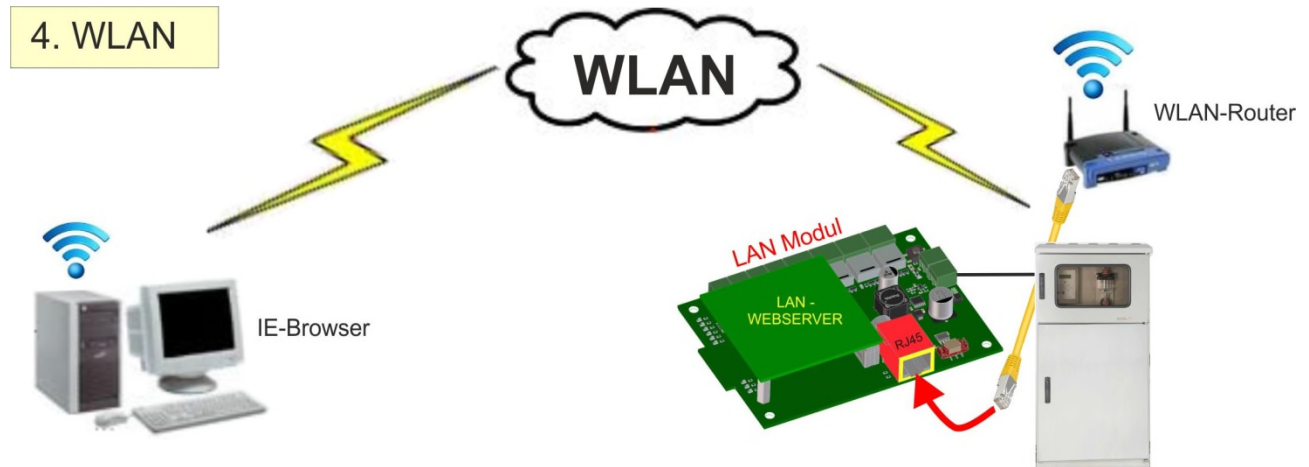
LAN Modul RJ45 + GPRS/UMTS Router
• ARM9-SoC
• 32MB RAM
• 100 MB Data Memory (2 Year ring memory-FIFO at 1 min interval)
• Linux OS
• TCP/IP (RJ45)
• recording of all SP5 CPU Data
• visualization via Web interface
• Data-export (PDF, CSV, XLS)
      additionaly
+ Fully integrated Router (industrial standard)
+ UMTS / GPRS
+ SIM card holder
+ E-Mail error messaging
+ antenna

- Connection to the sampler via **INTERNET GPRS/UMTS** and IE-browser via IP-address
- Setting of the TCP/IP parameters of the webserver
- SMTP server for notification via e-mail in case of a malfunction
- remote control of the sampler
- visualization of downloaded data
- download and saving of data as PDF, CSV or XLSX Format
- print-out of data directly as PDF Format
- backup of all preprogramed programs from the sampler
- setting and saving of programs in offline mode. Upload in online mode
- Read out, changing, saving or upload of all samplers programs (1-12)
- recovery of saved programs.

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4. Connection via WLAN-Router - connected to the LAN Modul RJ45

- **WLAN Router must be provided <u>by customer</u>!**

LAN Modul RJ45
+ ARM9-SoC
+ 32MB RAM
+ 100 MB Data Memory (2 Year ring memory-FIFO at 1 min interval)
+ Linux OS
+ TCP/IP (RJ45)
+ recording of all CPU Data (like data of sampling cycle, bottle report, error log, temperature etc.)
+ visualization via Webinterface
+ Data-export (PDF, CSV, XLS)
+ E-Mail error messaging

- Connection to the sampler via <mark>WLAN</mark> and IE-browser via IP-address
- Setting of the TCP/IP parameters of the webserver
- SMTP server for notification via e-mail in case of a malfunction
- remote control of the sampler
- visualization of downloaded data
- download and saving of data as PDF, CSV or XLSX Format
- print-out of data directly as PDF Format
- backup of all preprogramed programs from the sampler
- setting and saving of programs in offline mode. Upload in online mode
- Read out, changing, saving or upload of all samplers programs (1-12)
- recovery of saved programs.

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