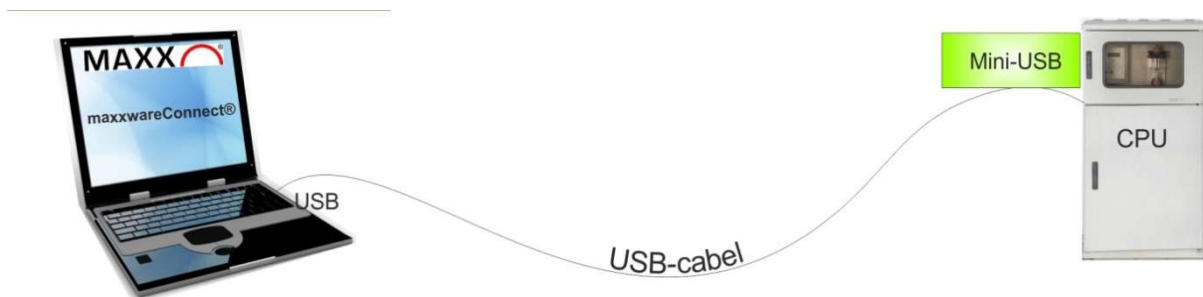# MAXX
Mess- und Probenahmetechnik GmbH

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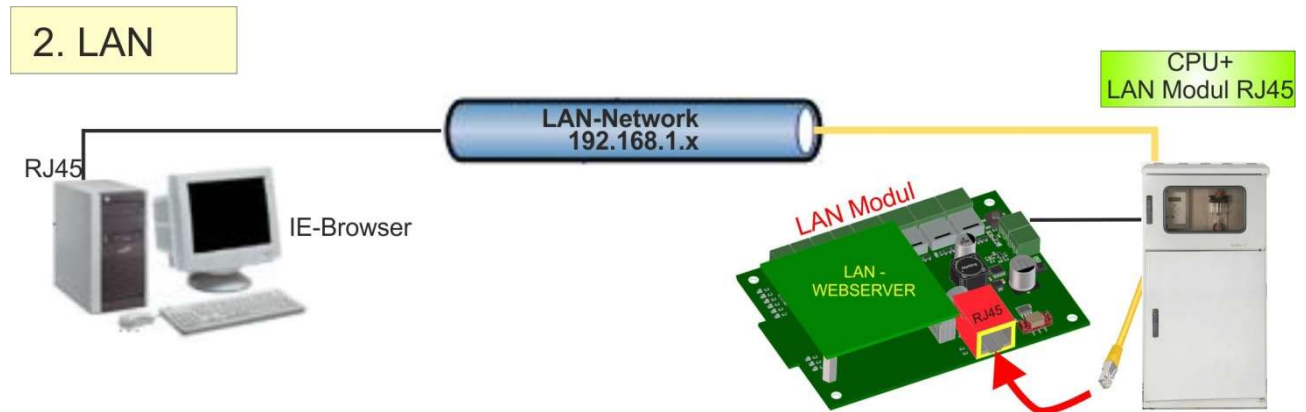## - PC and LAN/WEB/GPRS-UMTS -

---

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
- recovery of saved programs.

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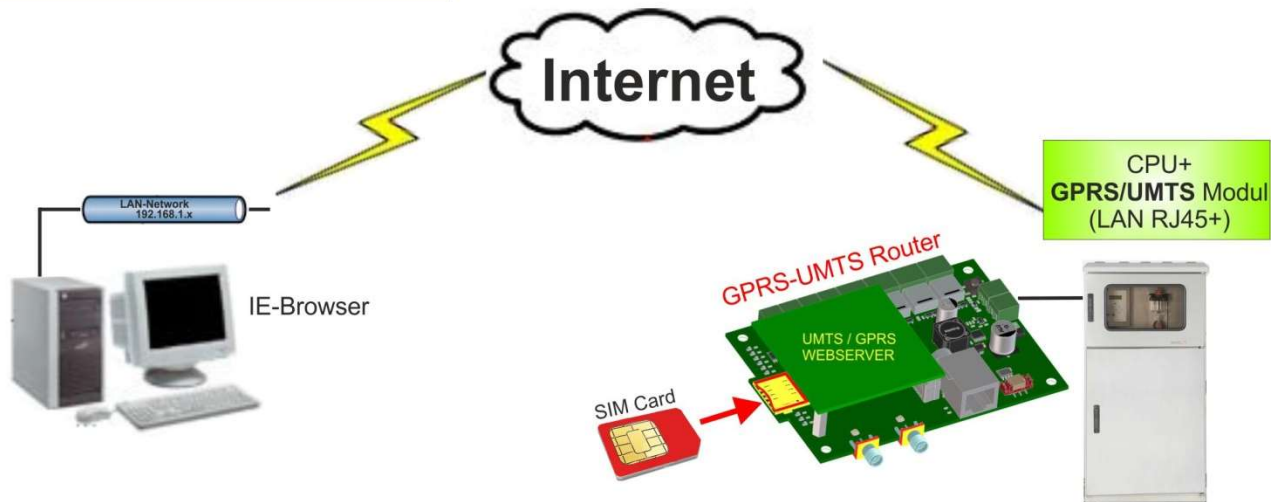www.maxx-gmbh.com

2. Connection via LAN Modul RJ45

LAN Modul RJ45

+ Data memory for 2 years at 1 min sample interval (ring memory)

+ Linux OS

+ TCP/IP (RJ45)

+ recording of all CPU Data
  - data of sampling cycle
  - bottle report and error log
  - temperature
  - analog inputs
  - etc.

+ visualization via Webinterface

+ Data-export (PDF, CSV, XLSX, ODS, TXT)
  - Download via Web-interface
  - http(s)-Download
  - FTP-push (optional)

+ E-Mail error messaging

+ Full remote control via visualized interface
  - Change programs, start/stop
  - Change all sampler settings

+ More communication options:
  - Modbus/TCP (optional)
  - MQTT (optional)

+ Remote firmware update of the sampler

+ Network parameters of the web server can be set via the web interface or on the sampler

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

3. GPRS / UMTS / EGDE

- REMARK: SIM-Card with data capability is necessary and must be provided by customer!
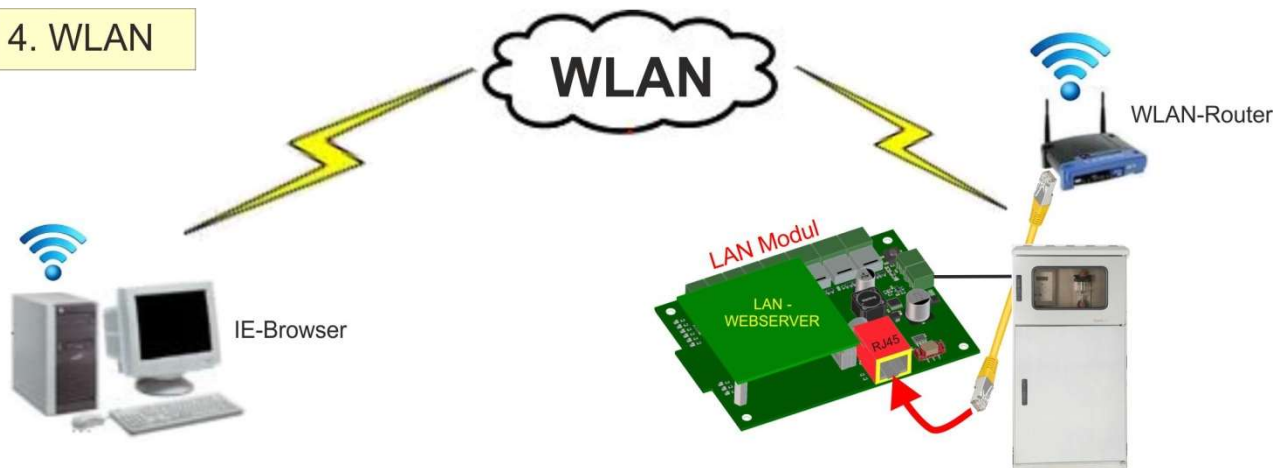
LAN Modul RJ45 + GPRS/UMTS Router
+ Data memory for 2 years at 1 min sample interval (ring memory)
+ Linux OS
+ TCP/IP (RJ45)
+ recording of all CPU Data
- data of sampling cycle
- bottle report and error log
- temperature
- analog inputs
- etc.
+ visualization via Webinterface
+ Data-export (PDF, CSV, XLSX, ODS, TXT)
- Download via Web-interface
- http(s)-Download
- FTP-push (optional)
+ E-Mail error messaging
+ Full remote control via visualized interface
- Change programs, start/stop
- Change all sampler settings
+ More communication options:
- Modbus/TCP (optional)
- MQTT (optional)
+ Remote firmware update of the sampler
+ Network parameters of the web server can be set via the web interface or on the sampler
Additionally
+ Integrated cellular GPRS/LTE router (industry standard)
+ GPRS/LTE
+ Cellular antenna

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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 + GPRS/UMTS Router

+ Data memory for 2 years at 1 min sample interval (ring memory)

+ Linux OS

+ TCP/IP (RJ45)

+ recording of all CPU Data

-   data of sampling cycle
-    bottle report and error log
-   temperature
-   analog inputs
-   etc.

+ visualization via Webinterface

+ Data-export (PDF, CSV, XLSX, ODS, TXT)

-   Download via Web-interface
-   http(s)-Download
-   FTP-push (optional)

+ E-Mail error messaging

+ Full remote control via visualized interface

-   Change programs, start/stop
-   Change all sampler settings

+ More communication options:

-   Modbus/TCP (optional)
-   MQTT (optional)

+ Remote firmware update of the sampler

+ Network parameters of the web server can be set via the web interface or on the sampler

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