

Data transmission

Mobile network (GSM/GPRS)

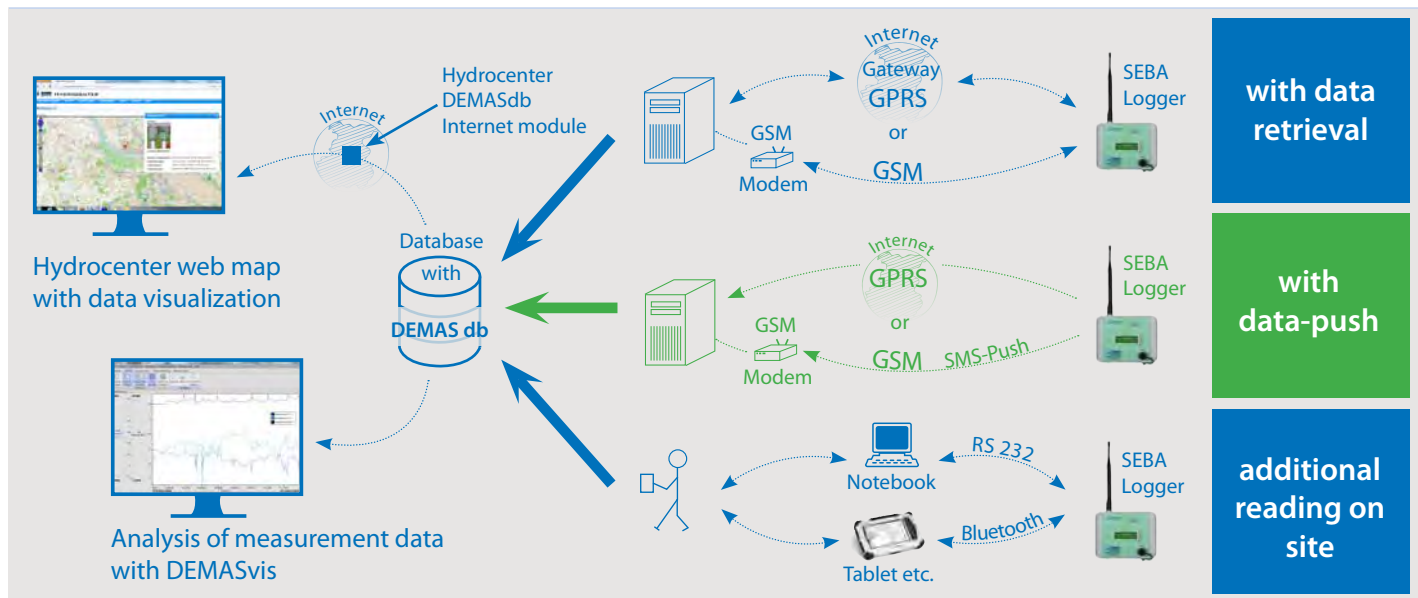
Telephone modem

Radio (short- and long-range)

Satellite (V-Sat, Iridium, GOES, Meteosat, Inmarsat, Argos, Globalstar)

WLAN

GSM/GPRS transmission



GSM/GPRS modem, Type 742

Wireless data transmission over GSM or GPRS network:

- Frequency: 850/900 MHz / 1800/1900 MHz (quad-band)
- Various antennas and high gain antennas available
Antenna impedance: 50 ohms
- SIM card: 1.8 V/5 V
- Power consumption:
50 mA (receive), 0.5 A (transmit), 0.5 mA (stand-by)
- Operating temperature: -30°C to 85°C
- Robust, watertight aluminum housing

Functions:

- Automatic data retrieval
- Data push to FTP servers
- SMS/email data transmission
- SMS alarm function

GSM/GPRS Modem



GSM 742



Radio transmission

Short-range

Transmitting power:
100 mW

Outdoor/RF range
with a clear line of sight:
1.6 km

Frequency: 2.4 GHz
IEEE 802.15.4 standard

Long-range

Max. 25 watts

Range:
up to 100 kilometers

Frequency: UHF, VHF

