

Solar Monitor

solution description

Solar Monitor covers following components of your PV-plant:

Inverter:

- RS-485 bus, range up to 1000m
- Status, grid parameters and temperature monitoring
- Updated once per second

Sensors:

- Dallas 1-Wire bus, range up to 50m
- Easy branching or daisy-chaining
- Cabling via phone cable with RJ-12 jacks
- Updated once per second

GSM Modem:

- RS-232 connection, range up to 15m
- External antenna with SMA connector

Power:

- 12V DC adaptor
- 2.5mm cylindrical connector

Inputs:

- Lightning arrester and Theft connection
- Energy meter pulse counter (S0)

Networking:

- Ethernet interface, DHCP, e-mail, Web, XML
- Various protocols can be implemented (SOAP, Modbus, BACNet)
- UDP setup tool for easy IP configuration independent on current network settings

