

# Solar Monitor

Technology

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
- Common phone cable with RJ-12 jacks
- Updated once per second

### GSM Modem:

- RS-232 connection, range up to 15m
- SMA connector for external antenna

### Power:

- 12V DC adapter
- 2.5mm jack connector

### Inputs:

- Lightning arrester and anti-theft loop
- 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 of the current network settings

