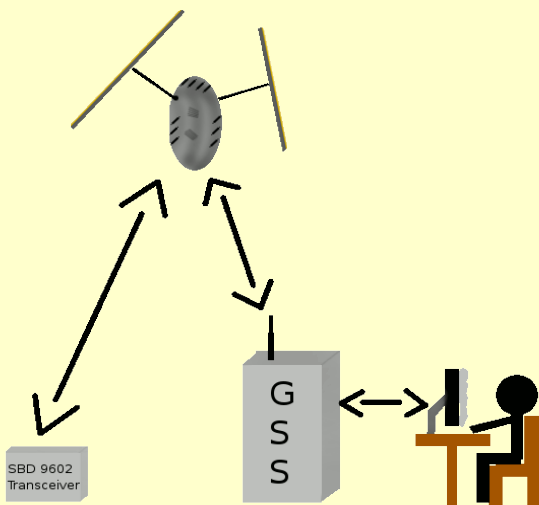## IRIDIUM-Shield

for *Arduino*-Board Duemilanove/UNO/Mega
and suitable clones

… the extension module for satellite communication

Arduino boards and clones can be expanded to
valuable features by plugging the so-called
''Shields''. With the **Iridium-Shield** the Arduno
board is enabled to send and receive data using
'real' satellite communication (via the Iridium
network).

The Iridium network offers the world's highest
network availability and allows sending of data from
areas with no or unreliable wireless coverage (e.g.
oceans, deserts and unexplored territories).

The **Iridium-Shield** is best suited for worldwide
data transmission of for example tracking or
measurement data. Data is sent via e-mail.

Communication within the Arduino system is via
serial interface. The used Iridium 9602 SBD
transceiver requires an Iridium areal (with
preferably clear view to the sky).

Demo programs, drivers and libraries for operating
the **Iridium-Shield** are of course included.

Technical Features

General
- operating voltage 5VDC … 9VDC
- requires the *Arduino* board "Duemilanove" or "UNO" or applicable clone system.

Satellite communication via Iridium
- integrated Iridium modem: Iridium 9602 SBD Transceiver
- control via serial interface, antenna connection: SMA and GPS transmission
- Can be used with an Iridium contract of an airtime provider, approx. 90 cent per KB, introduction to usage of an Iridium contract by antrax as a neutral partner

Arduino has a great fan community.. and of course their own website with many example applications as well as an extensive forum → **http://www.arduino.cc/**

Manufacturing and Product Development "Made in Germany", i. e. unlike many other products in computer equipment, we provide long time availability.

Prices:

Iridium-Shield	……………………………………	**79,00 €**
Iridium module 9602 SBD Transceiver	……………………………………	**349,00 €**
optional wireless antenna "1904A" (Iridium only)	……………………………………	**51,41 €**
optional wireless antenna "1880A" (Iridium + GPS)	……………………………………	**53,55 €**

Airtime-Provider – costs <u>not</u> *included*

incl. 19 % VAT plus freight. Order through our internet shop **(www.antrax.de/shop)** or via e-mail **(order@antrax.de)**