

BITT Technology

BITT-WEBDL




„BITT-WEBDL“ is a universal data logger consisting of hard- and software. The data logger is based on a CPU (ETRAX 100LX MCM 4+16) from AXIS. The system is running an embedded Linux as operating system. It acquires data from directly connected measuring instruments like a gamma detector and stores these data. “BITT-WEBDL” is able to visualize data directly through a web server in a similar way as its big brother “BITT SCADA 2006”.

Hardware features:

- ETRAX 100 LX MCM 4+16 CPU
- 16MB or 32MB RAM
- 8MB Flash
- 1 Ethernet port 10/100Mbit
- 1 USB connector external OR native RS232
- 1 USB connector internal
- 2 native serial ports (RS232)
- 1 RS485/422 OR native RS232 port
- MAXIM 1-wire interface connected to one RS232 port (alternatively over an external USB to 1-wire adapter)
- real time clock (RTC), powered by an ultra capacitor (1Farad), so changing of the battery isn't necessary!
- 4-row LCD Display
- 4-button keypad



Software features:

- Running Linux (2.4.x). 
- The acquired data are stored in a simple SQL database and/or files
- Every data is visualized through a web server.
- For specific purpose the “BITT-WEBDL can also provide the collected data through a FTP server.
- Every Browser can act as a client. The web page is optimized for MS Internet Explorer 6 but also tested with Firefox 1.5, Netscape 7.1 and Opera 8.51.
- Support of SSL (https and SSH)
- Charts and tables of every measured value
- Tables of status data via predefined queries or user defined queries.
- Configuration of various alarm triggers. The alarm notification can be carried out by email and SMS.
- Confirmation of every triggered alarm.
- Configuration of the station through the web page.
- Changing and adding of languages is very easy. The whole web page is stored in a dictionary. So it is possible to add every desired language. By default the dictionary contains English and German.
- Emergency and maintenance login over a console is provided at a native serial port.
- Login over Telnet and SSH is supported

Options:

- Via USB it is possible to connect several peripherals like printers, displays and modems.
- Flash memory is easily expandable via a flash memory stick connected to the USB port.
- Connections over SAMBA (eg. MS Windows shares).
- 10,4" / 12,1" / 15,1" TFT Display.
- Adapting the systems to special customer requirements is possible because Linux is used as operating system which offers many more features, than listed in this product folder!

Available starting from End 2006

for more information
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